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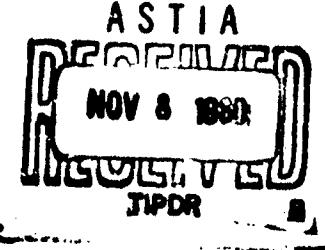
PRESSURE DISTRIBUTION OVER MODELS OF DOME AND ARCH STRUCTURES (U)

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U. S. NAVAL ORDNANCE LABORATORY
WHITE OAK, MARYLAND

NAVORD Report 5699

Aerodynamics Research Report 71

PRESSURE DISTRIBUTION OVER MODELS OF DOME AND
ARCH STRUCTURES

Prepared by

Howard L. Galloway Jr.

ABSTRACT: This report presents the results of an investigation in the NOL Supersonic Tunnel No. 2 to measure the static pressure distribution over dome shaped buildings and arch shaped buildings at Mach numbers from 0.401 to 1.75. These data were obtained to provide information on instantaneous airloads acting on protective structures exposed to air blasts.

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WHITE OAK, MARYLAND

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The purpose of this investigation was to obtain the pressure distribution data over dome shaped buildings and arch shaped buildings. The wind-tunnel test was performed at the request of the Defense Atomic Support Agency through the Explosions Research Department of the Naval Ordnance Laboratory by WTR 454 (reference (a)), under Task Number NOL 181.

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Captain, USN
Commander

R. KENNETH LOBB
By direction

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PRESSURE DISTRIBUTION OVER MODELS OF DOME AND
ARCH STRUCTURES

INTRODUCTION

1. The domes and arches are economical, above-ground, protective structures sponsored by the Air Force Project 3.6 and Federal Civil Defense Administration Project 30.1 in Operation Plumbob.
2. This report gives the results of a wind-tunnel investigation performed to determine the pressure distribution over these structures at Mach numbers from 0.401 to 1.75.
3. The objective of this test was to provide pressure measurements for the investigation of air-blast loading of above-ground domes and arches.

AERODYNAMIC SYMBOLS

| | |
|------------|------------------------------------------------------------------|
| M | Mach number |
| p | pressure measured at orifice (psi) |
| p_0 | supply pressure (psi) |
| p_∞ | free-stream static pressure (psi) |
| q | dynamic pressure (psi) |
| Re | Reynolds number based on model length and free-stream conditions |
| C_p | pressure coefficient = $\frac{p - p_\infty}{q}$ |

DESCRIPTION OF THE MODELS

4. Three domes (spherical segments with included angles of 60°, 90°, and 120° and a chord length of 2.61 inches) and two arches (cylindrical segments with included angles of 120° and 180° and a chord length of 1.50 inches) were mounted successively on a flat plate (Figure 1). The forward starboard and the after port quadrants of the dome contained the pressure orifices (Figures 2 - 4 and Tables 1 - 3). On the arches a row of pressure orifices extended from forward port to after starboard at an angle of 30° to flow direction (Figures 5, 6, and Tables 4 - 5). The flat plate spanned the test section of the supersonic nozzles from wall to wall along the horizontal center plane of the nozzle. Along the centerline of this plate were 6 static pressure orifices (Figure 1).

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INSTRUMENTATION AND DATA REDUCTION

5. Local static pressures were measured on the model with a 108 tube, one atmosphere, mercury manometer bank. The levels of the mercury columns were recorded on a photographic film. Pressures were read from the film records using a Universal Telereader which has a reading sensitivity of 0.064 mm. The test data are accurate to 0.5 mm Hg. Pressure measurements were made in a range of 45 mm Hg. to 710 mm Hg. The data were reduced to coefficient form using IBM 650 machines.

TEST CONDITIONS

6. The test condition outline is presented in Table 6 and Table 7.

RESULTS

7. The tabulated IBM data appear at the end of this report. Column I lists blow number. Column II lists pressure orifice tap number. Orifice numbers 81 - 86 are located along the center line of the flat plate (Figure 1). Column III lists the ratio of the local static pressure to the supply pressure. Column IV lists the ratio of local static pressure to the free-stream static pressure. Column V lists the pressure coefficient, C_p .

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REFERENCE

- (a) Slifer, Luther W. Jr., "Wind-Tunnel Request Number 454,"
Unclass., (1957)

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Table 1 - Orifice Locations (120° Dome)

| Orifice Number | a | Orifice Number | a | Orifice Number | a | Orifice Number | a | | | | |
|----------------|---------|----------------|----|----------------|---------|----------------|--------|---------|----|--------|---------|
| 1 | 56°1' | 69°46' | 21 | 15°33' | 89°52' | 11 | 5°13' | 0°0' | 61 | 37°54' | 211°24' |
| 2 | 51°7' | 89°10' | 22 | 10°26' | 89°10' | 12 | 10°22' | 0°0' | 62 | 29°41' | 224°21' |
| 3 | 55°1' | 71°38' | 23 | 11°36' | 13°50' | 13 | 15°36' | 0°8' | 63 | 22°15' | 242°12' |
| 4 | 46°3' | 63°38' | 24 | 23°25' | 26°1' | 14 | 20°54' | 0°0' | 64 | 20°18' | 265°22' |
| 5 | 139°55' | 59°50' | 25 | 32°30' | 16°23' | 15 | 25°35' | 0°26' | 65 | 21°25' | 270°0' |
| 6 | 12°26' | 71°32' | 26 | 12°37' | 11°51' | 16 | 31°0' | 0°2' | 66 | 56°5' | 217°39' |
| 7 | 17°56' | 61°66' | 27 | 53°73' | 12°47' | 17 | 35°55' | 0°0' | 67 | 45°0' | 220°46' |
| 8 | 55°19' | 52°12' | 28 | 50°11' | 92°31' | 18 | 11°4' | 0°10' | 68 | 38°7' | 231°20' |
| 9 | 35°01' | 85°18' | 29 | 56°27' | 180°1' | 19 | 16°13' | 0°9' | 69 | 32°22' | 250°23' |
| 10 | 20°52' | 90°0' | 30 | 51°18' | 180°7' | 20 | 51°08' | 0°17' | 70 | 30°52' | 270°0' |
| 11 | 32°22' | 70°23' | 31 | 69°13' | 180°9' | 21 | 56°27' | 0°16' | 71 | 35°01' | 269°05' |
| 12 | 43°7' | 55°20' | 32 | 11°4' | 180°0' | 22 | 50°11' | 0°11' | 72 | 55°01' | 232°52' |
| 13 | 1°01' | 11°06' | 33 | 35°55' | 180°0' | 23 | 53°03' | 1°2°01' | 73 | 47°05' | 211°06' |
| 14 | 56°25' | 37°36' | 34 | 21°0' | 180°9' | 24 | 42°03' | 19°03' | 74 | 12°26' | 251°03' |
| 15 | 26°25' | 50°0' | 35 | 25°35' | 180°26' | 25 | 32°30' | 198°53' | 75 | 40°55' | 269°50' |
| 16 | 20°6' | 43°28' | 36 | 20°54' | 180°0' | 26 | 23°25' | 206°16' | 76 | 46°3' | 269°38' |
| 17 | 22°15' | 62°02' | 37 | 15°38' | 180°8' | 27 | 24°03' | 223°50' | 77 | 53°1' | 256°06' |
| 18 | 29°41' | 11°02' | 38 | 10°22' | 180°0' | 28 | 10°02' | 269°10' | 78 | 51°7' | 269°40' |
| 19 | 37°54' | 31°02' | 39 | 50°13' | 180°0' | 29 | 4°03' | 269°52' | 79 | 56°15' | 269°44' |
| 20 | 17°01' | 27°05' | 40 | 0°0' | 0°0' | 30 | 47°01' | 207°59' | | | |

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Table 2 - Orifice Locations (90° Dome)

| Orifice Number | a | b | Orifice Number | a | b | Orifice Number | a | b |
|----------------|--------|--------|----------------|--------|---------|----------------|--------|---------|
| 1 | 39°32' | 89°45' | 15 | 21°48' | 26°59' | 29 | 9°51' | 0°11' |
| 2 | 40°58' | 74° 8' | 16 | 31°40' | 18°40' | 30 | 14°53' | 359°46' |
| 3 | 34°51' | 30° 0' | 17 | 41°32' | 14°40' | 31 | 19°10' | 359°37' |
| 4 | 29°45' | 89°56' | 18 | 5° 0' | 88°35' | 32 | 25°14' | 359°34' |
| 5 | 31°41' | 70°10' | 19 | 39°39' | 179°43' | 33 | 29°45' | 359°41' |
| 6 | 36°38' | 56°11' | 20 | 34°52' | 179°47' | 34 | 34°52' | 359°47' |
| 7 | 25°10' | 99°56' | 21 | 29°45' | 179°41' | 35 | 39°29' | 359°43' |
| 8 | 19° 0' | 89°43' | 22 | 25°14' | 179°34' | 36 | 5° 0' | 268°35' |
| 9 | 21°51' | 62°37' | 23 | 19°10' | 179°37' | 37 | 41°32' | 194°40' |
| 10 | 27°18' | 44°46' | 24 | 14°53' | 179°46' | 38 | 31°40' | 198°40' |
| 11 | 36°34' | 32°56' | 25 | 9°51' | 180°11' | 39 | 21°48' | 206°59' |
| 12 | 15° 2' | 89°31' | 26 | 5° 4' | 180° 0' | 40 | 14° 2' | 224°33' |
| 13 | 9°59' | 89°1' | 27 | 0° 0' | 0° 0' | 41 | 9°53' | 269°17' |
| 14 | 14° 2' | 44°33' | 28 | 5° 4' | 0° 0' | 42 | 15° 2' | 269°31' |

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Table 3 - Office locations (600 lines)

| Office Number | Office Name | Office Number | Office Name | Office Number | Office Name | Office Number | Office Name | Office Number | Office Name |
|---------------|--------------|---------------|---------------|---------------|---------------|---------------|-------------|---------------|-------------|
| 1 | 25.11. 89.4. | 8 | 5. 5. 89.5. | 15 | 5. 5. 2. | 0.0.15. | 22 | 1.1.25. | 225.11. |
| 2 | 20.17. 89.5. | 9 | 25.6. 180.9. | 16 | 10.6. 0.0.15. | 10.4. | 22.17. | 225.11. | |
| 3 | 22.37. 82.5. | 10 | 20.10. 180.8. | 17 | 15.17. 19.55. | 18 | 20.10. | 22.37. | |
| 4 | 15.11. 89.5. | 11 | 15.17. 19.55. | 18 | 20.10. | 0.0.8. | 25 | 22.37. | 225.11. |
| 5 | 10.1. 89.5. | 12 | 10.6. 180.5. | 19 | 25.6. 0.0.9. | 26 | 20.17. | 22.37. | |
| 6 | 14.25. 89.5. | 13 | 5. 2. 180.15. | 20 | 5. 5. 25.6. | 27 | 25.11. | 225.11. | |
| 7 | 20.32. 27.8. | 14 | 0.0. 0. | 21 | 22.25. 27.8. | 28 | 20.22. | 20.32. | |

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Table 4 - Orifice Locations (180° Arch)

| Orifice Number | +α Degrees | Orifice Number | -α Degrees |
|----------------|------------|----------------|------------|
| 1 | 84° 27' | 12 | 11° 8' |
| 2 | 79° 57' | 13 | 20° 41' |
| 3 | 74° 30' | 14 | 30° 11' |
| 4 | 69° 49' | 15 | 40° 5' |
| 5 | 59° 30' | 16 | 50° 11' |
| 6 | 49° 41' | 17 | 60° 3' |
| 7 | 39° 36' | 18 | 69° 54' |
| 8 | 29° 34' | 19 | 74° 54' |
| 9 | 19° 48' | 20 | 79° 52' |
| 10 | 10° 18' | 21 | 84° 46' |
| 11 | 0° 0' | | |

Table 5 - Orifice Locations (120° Arch)

| Orifice Number | +α Degrees | Orifice Number | -α Degrees |
|----------------|------------|----------------|------------|
| 1 | 50° 24' | 7 | 10° 41' |
| 2 | 40° 21' | 8 | 20° 30' |
| 3 | 30° 39' | 9 | 30° 24' |
| 4 | 20° 32' | 10 | 40° 21' |
| 5 | 10° 41' | 11 | 50° 19' |
| 6 | 0° 0' | | |

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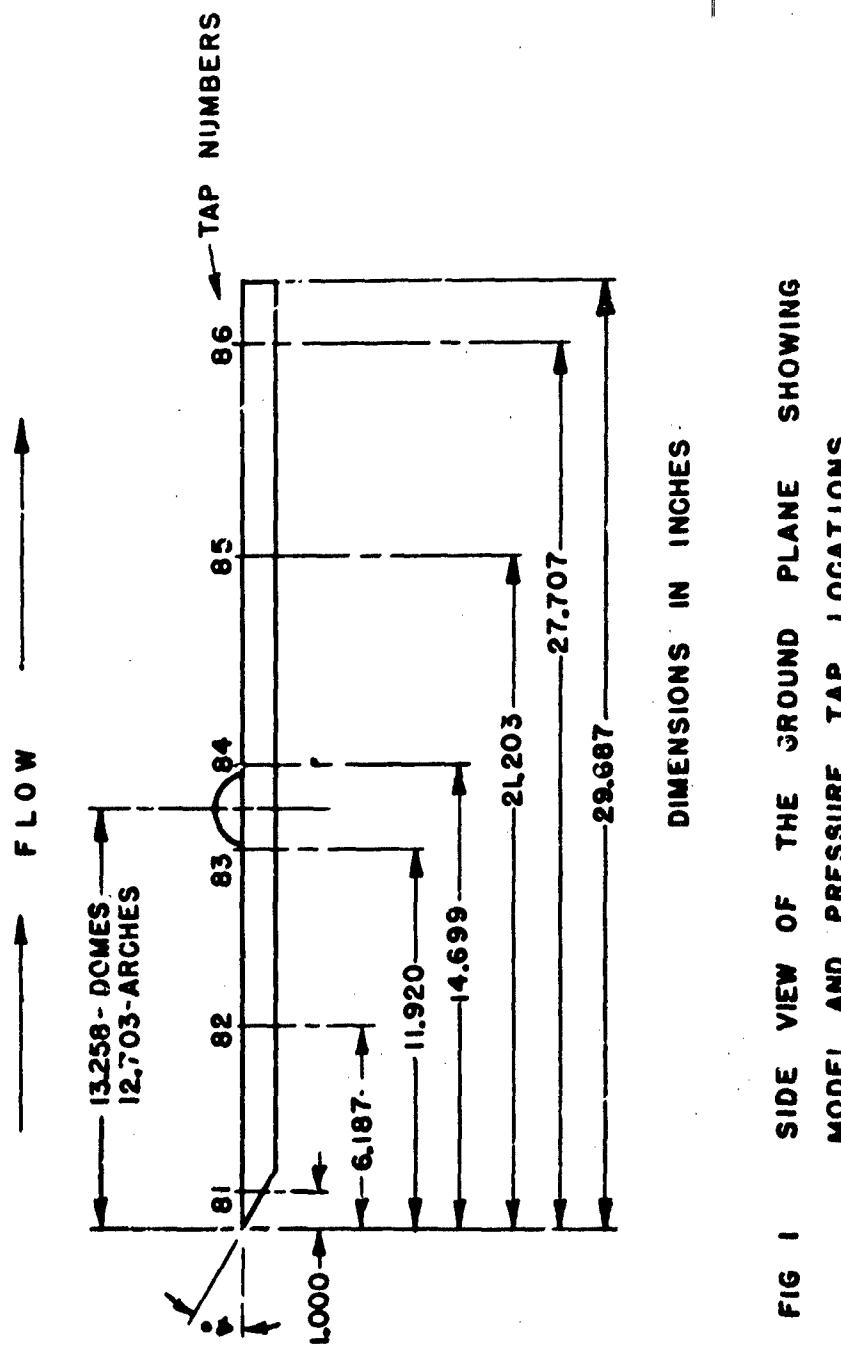
TABLE 6 - DOME TEST OUTLINE

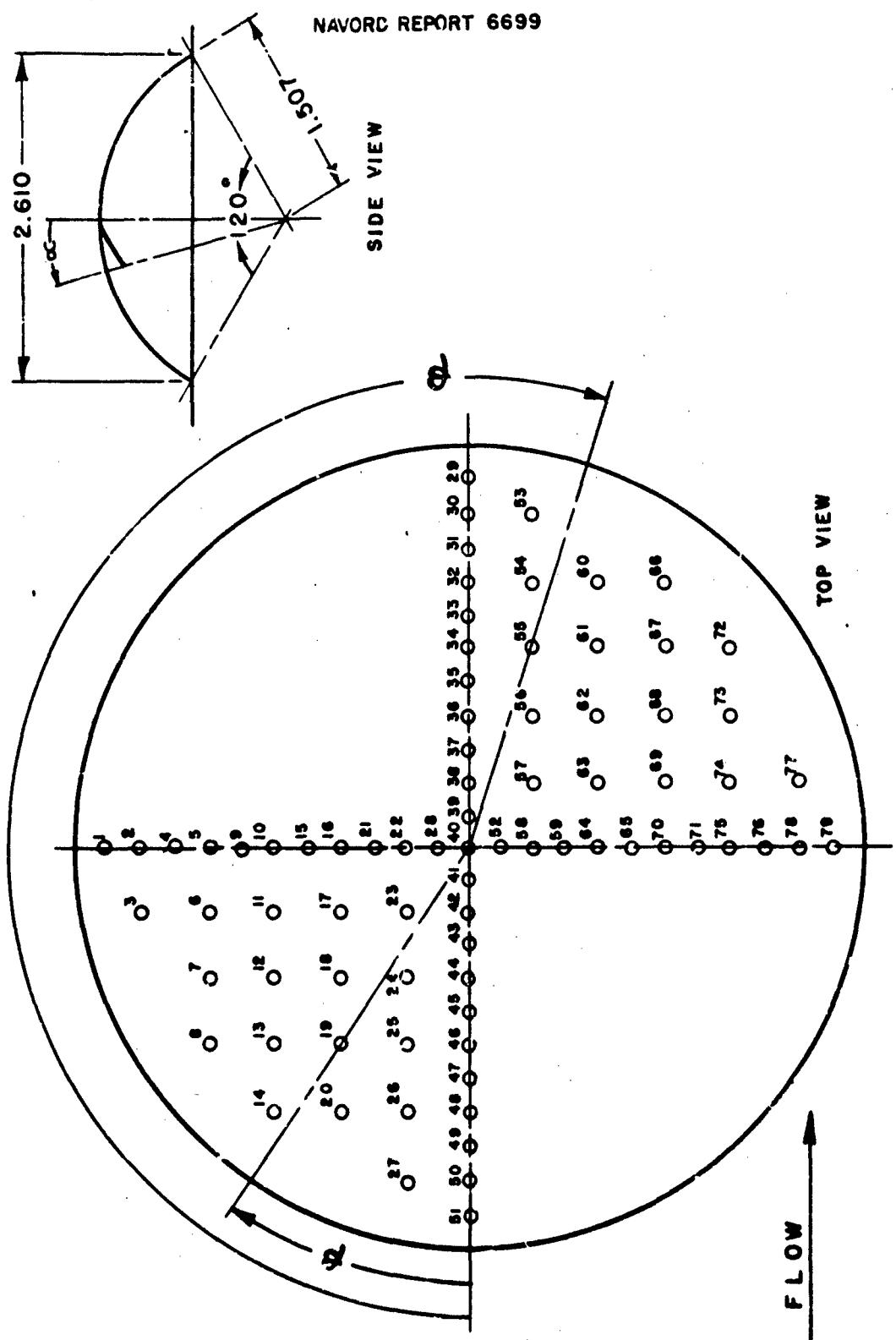
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TABLE 7 - ARCH TEST OUTLINE

| 180° Arch | | | | 120° Arch | | | |
|-------------|--------------------------|-------|-----------------------|-------------|--------------------------|-------|-----------------------|
| Blow Number | P _o mm Hg. | M | Re x 10 ⁻⁶ | Blow Number | P _o mm Hg. | M | Re x 10 ⁻⁶ |
| 67 | 753 | 1.75 | 4.50 | 77 | 749 | 0.815 | 4.57 |
| 68 | 753 | 1.75 | 4.50 | 78 | 750 | 0.716 | 4.40 |
| 70 | 749 | 0.805 | 4.53 | 79 | 751 | 0.596 | 4.12 |
| 71 | 750 | 0.708 | 4.37 | 80 | 753 | 0.511 | 3.83 |
| 72 | 752 | 0.599 | 4.13 | 81 | 754 / | 0.413 | 3.36 |
| 73 | 753 | 0.509 | 3.82 | 82 | 754 | 0.413 | 3.36 |
| 74 | 754 | 0.412 | 3.36 | | | | |
| 75 | 754 | 0.412 | 3.36 | | | | |

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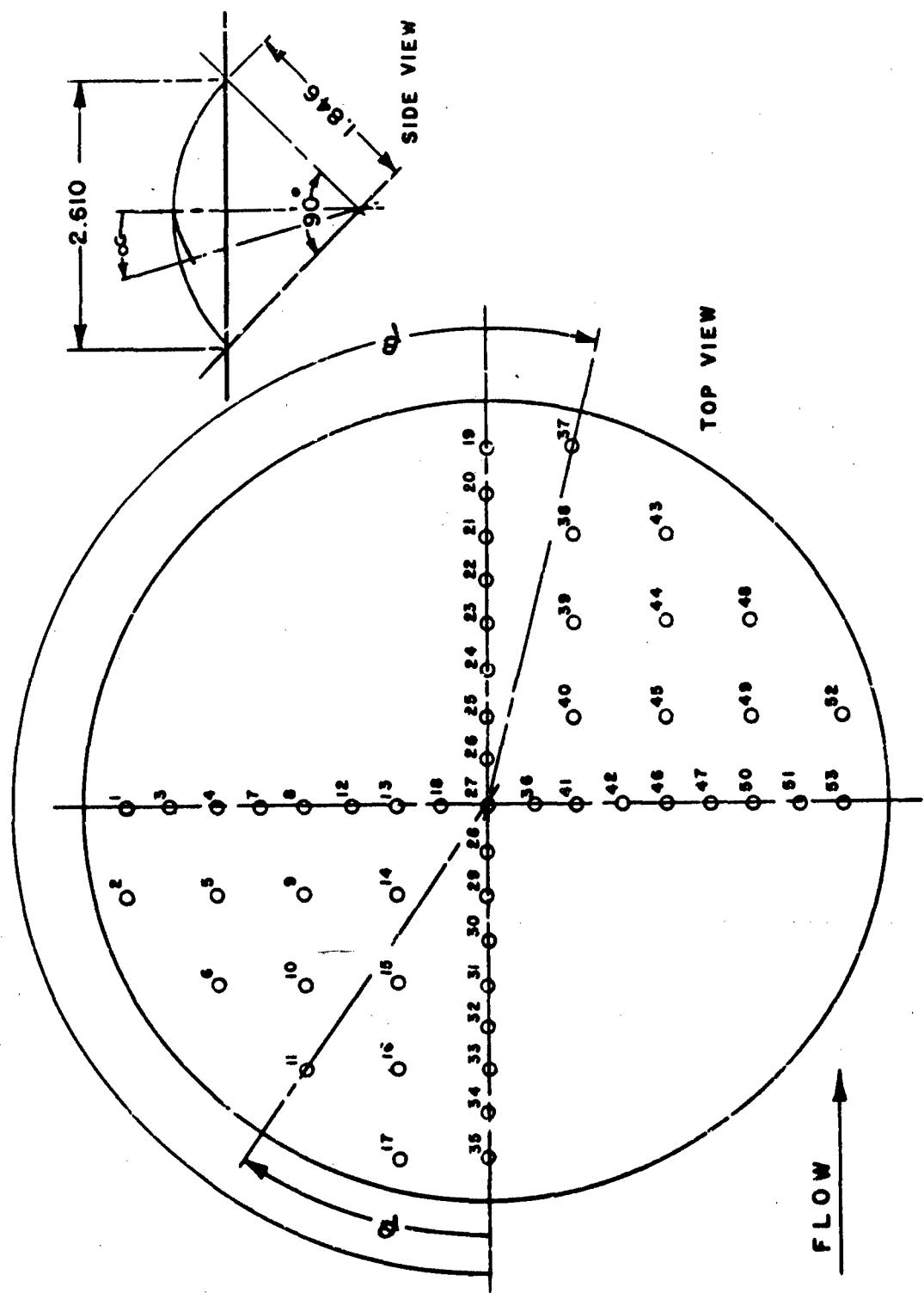


FIG. 2 - MEASUREMENTS ABOARD THE OPERATION END AND NAME

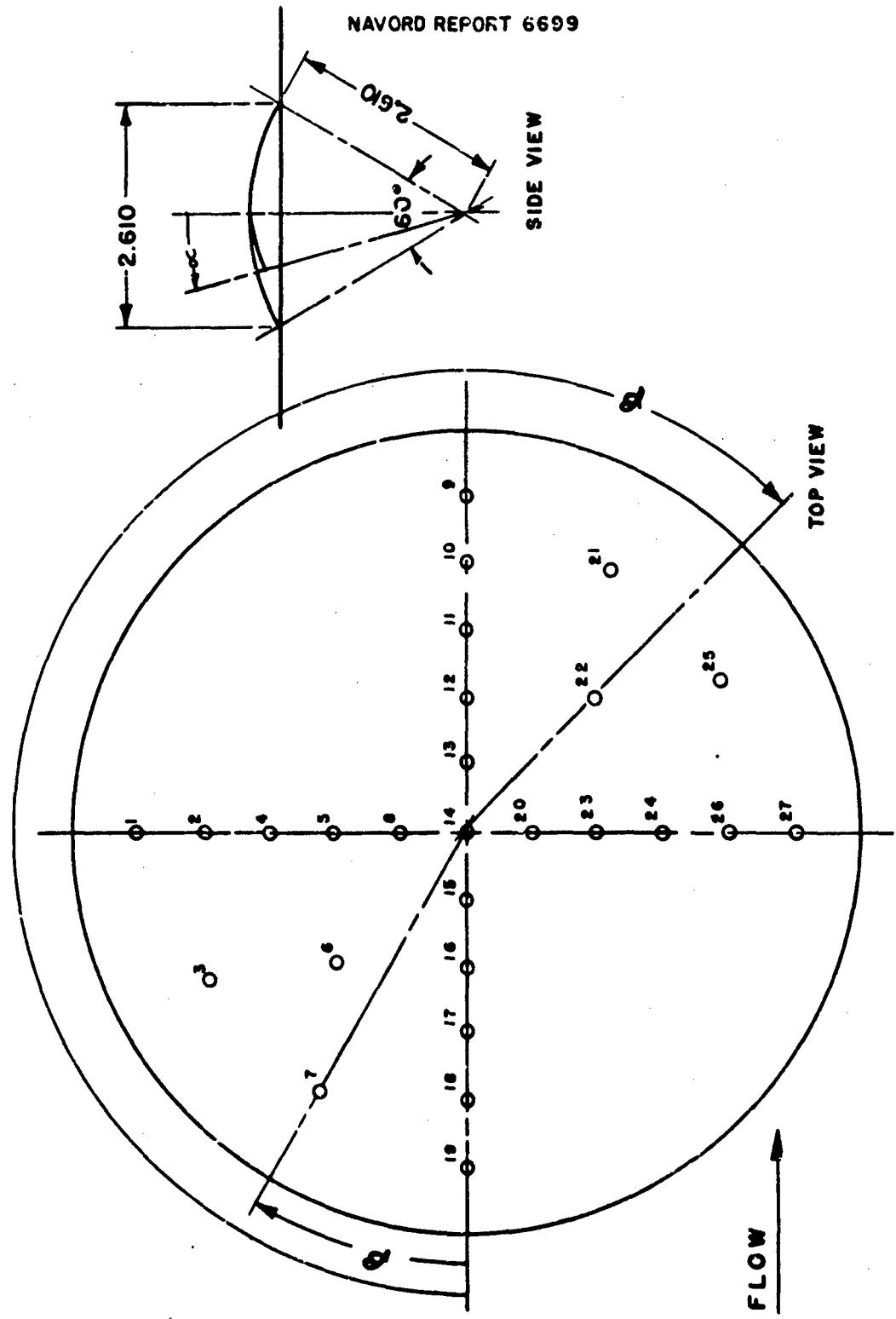


FIG. 4 PRESSURE ORIFICE LOCATION FOR 60° DOME

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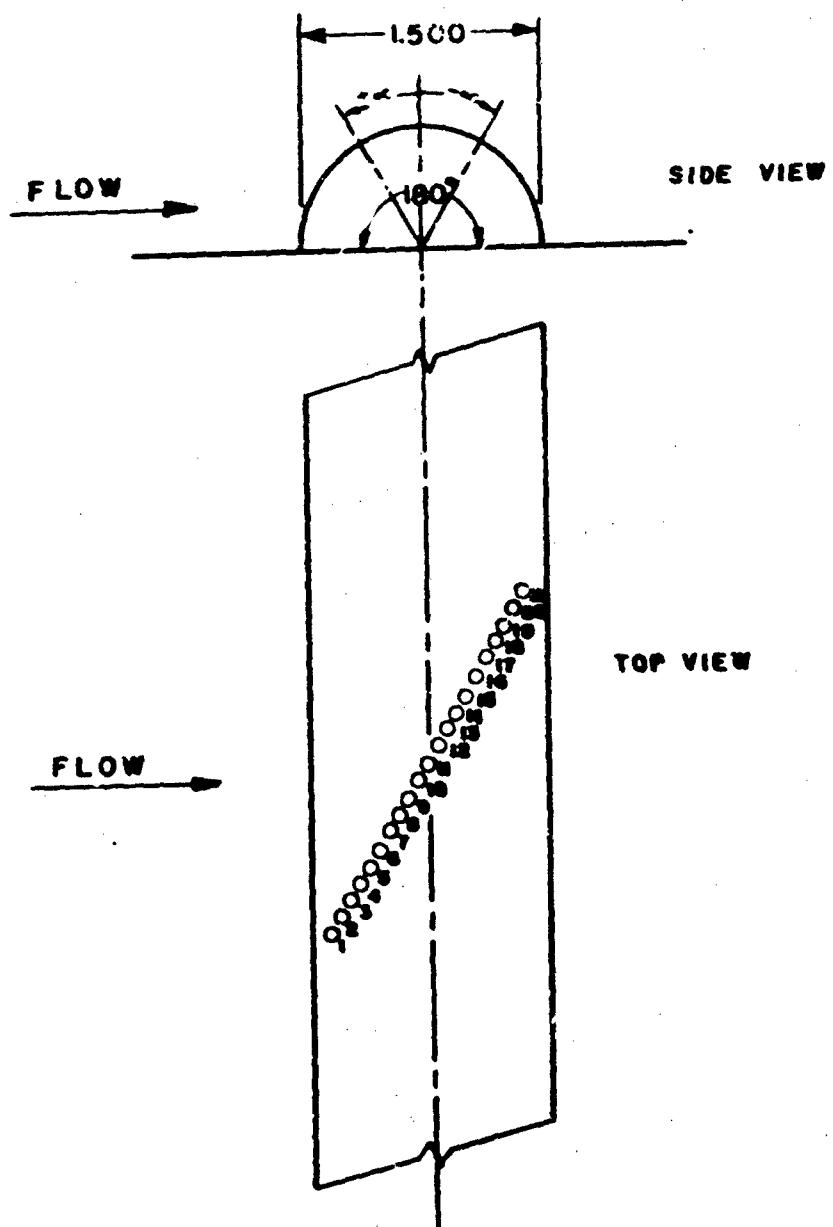


FIG.5 PRESSURE ORIFICE LOCATION FOR 180° ARCH

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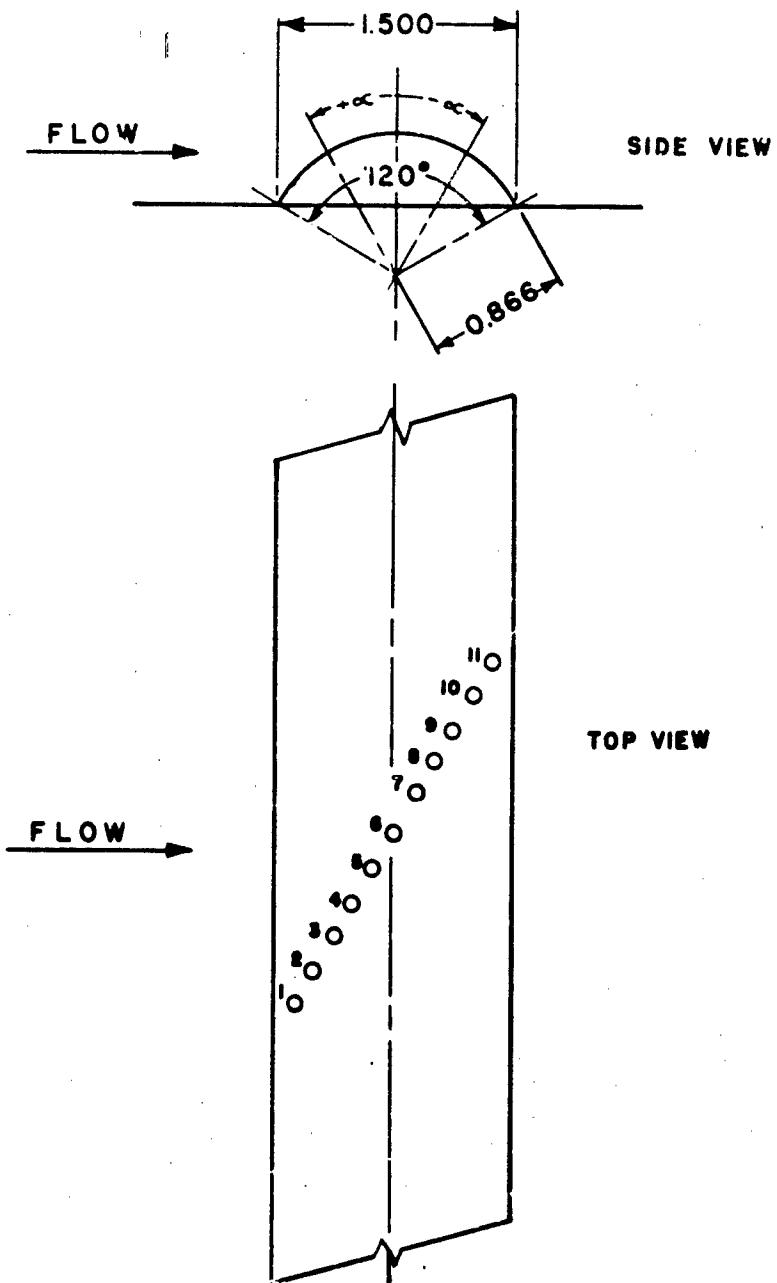


FIG. 6 PRESSURE ORIFICE LOCATION FOR 120° ARCH

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APPENDIX

Tabulated Data

NOTE:

1. The symbols used in the column headings are defined on Page 1.
2. Runs are tabulated in sequence by Run Number.
3. Column headings and decimal points are shown on Run 1 of the tabulated data and are the same for all runs.

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| Blow No. | *Tap No. | p/p_0 | p/p_∞ | C_p |
|-------------|-------------|---------|--------------|----------|
| 1 | 1 | .29561 | .69849 | .30935- |
| 1 | 2 | .25818 | .61003 | .40010- |
| 1 | 3 | .35089 | .82909 | .17535- |
| 1 | 4 | .24034 | .56789 | .44334- |
| 1 | 5 | .22939 | .54202 | .46988- |
| 1 | 6 | .31917 | .77777 | .22801- |
| 1 | 7 | .45843 | 1.08320 | .08536 |
| 1 | 8 | .50311 | 1.18876 | .19367 |
| 1 | 9 | .22215 | .52491 | .48743- |
| 1 | 10 | .21915 | .51782 | .49471- |
| 1 | 11 | .31628 | .74731 | .25926- |
| 1 | 12 | .45031 | 1.06400 | .06567 |
| 1 | 13 | .59353 | 1.40240 | .41285 |
| 1 | 14 | .56315 | 1.33063 | .33922 |
| 1 | 15 | .21650 | .51156 | .50113- |
| 1 | 16 | .21544 | .50905 | .50370- |
| 1 | 17 | .31221 | .73771 | .26910- |
| 1 | 18 | .44024 | 1.04022 | .04127 |
| 1 | 19 | .60359 | 1.42618 | .43725 |
| 1 | 20 | .70654 | 1.66944 | .68603 |
| 1 | 21 | .21544 | .50905 | .50370- |
| 1 | 22 | .21474 | .50738 | .50541- |
| 1 | 23 | .30727 | .72603 | .28109- |
| 1 | 24 | .43124 | 1.01894 | .01943 |
| 1 | 25 | .58911 | 1.39197 | .40215 |
| 1 | 26 | .76129 | .79879 | .81954 |
| 1 | 27 | .67617 | 1.59767 | .61320 |
| 1 | 28 | .21791 | .51489 | .49771- |
| 1 | 29 | .22039 | .52074 | .49171- |
| 1 | 30 | .20838 | .49236 | .52082- |
| 1 | 31 | .20809 | .49153 | .52168- |
| 1 | 32 | .20891 | .49361 | .51954- |
| 1 | 33 | .20926 | .49445 | .51868- |
| 1 | 34 | .20944 | .49487 | .51820- |
| 1 | 35 | .20903 | .49391 | .51924- |
| 1 | 36 | .20515 | .48472 | .52866- |
| 1 | 37 | .19896 | .47011 | .54365- |
| 1 | 38 | .19843 | .46886 | .54494- |
| 1 | 39 | .18324 | .43295 | .58178- |
| 1 | 40 | .21504 | .50810 | .467- |
| 1 | 41 | .26310 | .62167 | .38816.. |
| 1 | 42 | .30975 | .73189 | .27508- |
| 1 | 43 | .36788 | .86925 | .13415- |
| 1 | 44 | .43998 | 1.03959 | .04062 |
| 1 | 45 | .50695 | 1.19783 | .20296 |
| 1 | 46 | .59353 | 1.40240 | .41286 |

* Pressure Orifice Tap Number

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| | | | | |
|---|----|--------|---------|---------|
| 1 | 47 | .68506 | 1.61867 | .63474 |
| 1 | 46 | .77323 | 1.82701 | .84649 |
| 1 | 49 | .80556 | 1.90341 | .92688 |
| 1 | 50 | .73276 | 1.73140 | .75040 |
| 1 | 51 | .61862 | 1.46169 | .47368 |
| 1 | 52 | .21010 | .51061 | .50210- |
| 1 | 53 | .20974 | .49558 | .51752- |
| 1 | 54 | .20691 | .48890 | .52438- |
| 1 | 55 | .20780 | .49099 | .52224- |
| 1 | 56 | .20232 | .47804 | .53551- |
| 1 | 57 | .19984 | .47220 | .54151- |
| 1 | 58 | .21681 | .51228 | .50039- |
| 1 | 59 | .21751 | .51395 | .49868- |
| 1 | 60 | .20585 | .48639 | .52695- |
| 1 | 61 | .20550 | .48556 | .52780- |
| 1 | 62 | .20055 | .47387 | .53980- |
| 1 | 63 | .19684 | .46510 | .54879- |
| 1 | 64 | .21769 | .51437 | .49825- |
| 1 | 65 | .22105 | .52230 | .49011- |
| 1 | 66 | .20780 | .49099 | .52224- |
| 1 | 67 | .20373 | .48138 | .53209- |
| 1 | 68 | .19596 | .46301 | .55094- |
| 1 | 69 | .18716 | .44222 | .57227- |
| 1 | 70 | .22395 | .52916 | .48308- |
| 1 | 71 | .23969 | .56636 | .44491- |
| 1 | 72 | .21121 | .49906 | .51395- |
| 1 | 73 | .19211 | .45392 | .56027- |
| 1 | 74 | .17017 | .40209 | .61344- |
| 1 | 75 | .23333 | .55131 | .46035- |
| 1 | 76 | .24217 | .57221 | .43891- |
| 1 | 77 | .19918 | .47064 | .54311- |
| 1 | 78 | .25986 | .61400 | .39602- |
| 1 | 79 | .29612 | .69969 | .30811- |
| 1 | 81 | .32443 | .76656 | .23950- |
| 1 | 82 | .44825 | 1.05919 | .06068 |
| 1 | 83 | .65027 | 1.53647 | .53041 |
| 1 | 84 | .23846 | .56343 | .44791- |
| 1 | 85 | .20962 | .49530 | .51781- |
| 1 | 86 | .42420 | 1.00230 | .00736 |

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| | | | | |
|---|----|--------|---------|---------|
| 2 | 1 | .29597 | .69932 | .30349- |
| 2 | 2 | .25747 | .60836 | .40181- |
| 2 | 3 | .35195 | .83159 | .17278- |
| 2 | 4 | .24087 | .56914 | .44206- |
| 2 | 5 | .22957 | .54243 | .46945- |
| 2 | 6 | .33040 | .78069 | .22501- |
| 2 | 7 | .45914 | 1.08487 | .08707 |
| 2 | 8 | .50470 | 1.19252 | .19752 |
| 2 | 9 | .22198 | .52449 | .48786- |
| 2 | 10 | .21862 | .51655 | .49600- |
| 2 | 11 | .31681 | .74856 | .25797- |
| 2 | 12 | .45066 | 1.06484 | .06652 |
| 2 | 13 | .59582 | 1.40782 | .41842 |
| 2 | 14 | .56651 | 1.33856 | .34735 |
| 2 | 15 | .21580 | .50989 | .50284- |
| 2 | 16 | .21580 | .50989 | .50284- |
| 2 | 17 | .31257 | .73854 | .26825- |
| 2 | 18 | .43971 | 1.03897 | .03998 |
| 2 | 19 | .60606 | 1.43202 | .44325 |
| 2 | 20 | .70866 | 1.67445 | .69197 |
| 2 | 21 | .21509 | .50822 | .50456- |
| 2 | 22 | .21474 | .50738 | .50541- |
| 2 | 23 | .30745 | .72644 | .28066- |
| 2 | 24 | .43212 | 1.02103 | .02157 |
| 2 | 25 | .59017 | 1.39447 | .40472 |
| 2 | 26 | .76164 | 1.79963 | .82040 |
| 2 | 27 | .67723 | 1.60018 | .61577 |
| 2 | 28 | .21791 | .51489 | .49771- |
| 2 | 29 | .22035 | .52074 | .49171- |
| 2 | 30 | .20838 | .49236 | .52082- |
| 2 | 31 | .20803 | .49153 | .52168- |
| 2 | 32 | .20891 | .49361 | .51954- |
| 2 | 33 | .20944 | .49487 | .51826- |
| 2 | 34 | .20961 | .49528 | .51783- |
| 2 | 35 | .20850 | .49266 | .52052- |
| 2 | 36 | .20426 | .48264 | .53060- |
| 2 | 37 | .19829 | .46848 | .54537- |
| 2 | 38 | .19825 | .46844 | .53337- |
| 2 | 39 | .18341 | .43337 | .58135- |
| 2 | 40 | .21451 | .50685 | .50596- |
| 2 | 41 | .26222 | .61958 | .39030- |
| 2 | 42 | .31010 | .73272 | .27422- |
| 2 | 43 | .36771 | .86883 | .13458- |
| 2 | 44 | .43927 | 1.03792 | .03891 |
| 2 | 45 | .50783 | 1.19991 | .20511 |
| 2 | 46 | .59194 | 1.39865 | .40900 |

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| | | | | |
|---|----|--------|---------|---------|
| 2 | 47 | .68576 | 1.62024 | .63646 |
| 2 | 48 | .7725- | 1.32534 | .84678 |
| 2 | 49 | .80291 | 1.89715 | .92045 |
| 2 | 50 | .73011 | 1.72514 | .74397 |
| 2 | 51 | .51667 | 1.45710 | .46897 |
| 2 | 52 | .21522 | .5085? | .50424- |
| 2 | 53 | .20350 | .49266 | .52052- |
| 2 | 54 | .23674 | .48848 | .52481- |
| 2 | 55 | .20797 | .49140 | .52181- |
| 2 | 56 | .20214 | .47763 | .53594- |
| 2 | 57 | .20502 | .47262 | .54108- |
| 2 | 58 | .21645 | .51145 | .50125- |
| 2 | 59 | .21698 | .51270 | .49996- |
| 2 | 60 | .20621 | .48723 | .52609- |
| 2 | 61 | .20497 | .48431 | .52909- |
| 2 | 62 | .20073 | .47429 | .53937- |
| 2 | 63 | .19684 | .46510 | .54879- |
| 2 | 64 | .21734 | .51353 | .49910- |
| 2 | 65 | .22052 | .52105 | .49139- |
| 2 | 66 | .20744 | .49015 | .52309- |
| 2 | 67 | .20338 | .48055 | .53294- |
| 2 | 68 | .19649 | .46427 | .54965- |
| 2 | 69 | .18733 | .44263 | .57184- |
| 2 | 70 | .22289 | .52665 | .48565- |
| 2 | 71 | .23863 | .56385 | .44746- |
| 2 | 72 | .21033 | .49657 | .51610- |
| 2 | 73 | .19140 | .45225 | .56198- |
| 2 | 74 | .17035 | .40251 | .61301- |
| 2 | 75 | .23226 | .54880 | .46292- |
| 2 | 76 | .24093 | .56928 | .44191- |
| 2 | 77 | .19865 | .46939 | .54440- |
| 2 | 78 | .25844 | .61066 | .39945- |
| 2 | 79 | .29542 | .69802 | .30983- |
| 2 | 81 | .32390 | .76531 | .24079- |
| 2 | 82 | .44666 | 1.05539 | .25682 |
| 2 | 83 | .64673 | 1.52811 | .54183 |
| 2 | 84 | .23722 | .56050 | .45091- |
| 2 | 85 | .20821 | .49196 | .5 124- |
| 2 | 86 | .42260 | .99854 | .00150- |

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| | | | | |
|---|----|--------|---------|---------|
| 3 | 1 | .29632 | .70016 | .30763- |
| 3 | 2 | .25883 | .61170 | .39839- |
| 3 | 3 | .35230 | .83243 | .17143- |
| 3 | 4 | .24087 | .56914 | .44206- |
| 3 | 5 | .22957 | .54243 | .46945- |
| 3 | 6 | .33023 | .78027 | .22544- |
| 3 | 7 | .45879 | 1.08403 | .08622 |
| 3 | 8 | .50223 | 1.18668 | .19153 |
| 3 | 9 | .22286 | .52658 | .48572- |
| 3 | 10 | .21915 | .51782 | .49471- |
| 3 | 11 | .31716 | .74939 | .25712- |
| 3 | 12 | .45119 | 1.06609 | .06781 |
| 3 | 13 | .59405 | 1.40365 | .41414 |
| 3 | 14 | .55874 | 1.32020 | .32852 |
| 3 | 15 | .21650 | .51156 | .50113- |
| 3 | 16 | .21632 | .51114 | .50156- |
| 3 | 17 | .31292 | .73938 | .26739- |
| 3 | 18 | .44077 | 1.04147 | .04255 |
| 3 | 19 | .60642 | 1.43286 | .44410 |
| 3 | 20 | .70531 | 1.66652 | .68384 |
| 3 | 21 | .21615 | .51072 | .50199- |
| 3 | 22 | .21580 | .50989 | .50284- |
| 3 | 23 | .30798 | .72770 | .27938- |
| 3 | 24 | .43336 | 1.02395 | .02457 |
| 3 | 25 | .59088 | 1.39614 | .40643 |
| 3 | 26 | .76005 | 1.79587 | .81659 |
| 3 | 27 | .66540 | 1.57222 | .58709 |
| 3 | 28 | .21862 | .51656 | .49600- |
| 3 | 29 | .22074 | .52157 | .49086- |
| 3 | 30 | .20838 | .49236 | .52082- |
| 3 | 31 | .20785 | .49111 | .52211- |
| 3 | 32 | .20873 | .49320 | .51997- |
| 3 | 33 | .20961 | .49528 | .51783- |
| 3 | 34 | .20979 | .49570 | .51740- |
| 3 | 35 | .20868 | .49307 | .52009- |
| 3 | 36 | .20479 | .48389 | .52952- |
| 3 | 37 | .19878 | .46969 | .54408- |
| 3 | 38 | .19808 | .46802 | .5 380- |
| 3 | 39 | .18324 | .43295 | .58178- |
| 3 | 40 | .21451 | .50685 | .50596- |
| 3 | 41 | .26222 | .61950 | .39030- |
| 3 | 42 | .31046 | .73356 | .27336- |
| 3 | 43 | .36859 | .87092 | .13244- |
| 3 | 44 | .43998 | 1.03959 | .04062 |
| 3 | 45 | .50924 | 1.20325 | .20859 |
| 3 | 46 | .59423 | 1.40407 | .41457 |

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| | | | | |
|---|----|--------|---------|---------|
| 3 | 47 | .68665 | 1.62243 | .63860- |
| 3 | 48 | .77181 | 1.82367 | .84506 |
| 3 | 49 | .79461 | 1.87753 | .90032 |
| 3 | 50 | .71739 | 1.69507 | .71313 |
| 3 | 51 | .0976 | .98020 | .03269- |
| 3 | 52 | .21592 | .51019 | .50253- |
| 3 | 53 | .20850 | .49266 | .52052- |
| 3 | 54 | .20603 | .48681 | .52692- |
| 3 | 55 | .20709 | .48932 | .52395- |
| 3 | 56 | .20197 | .47721 | .53637- |
| 3 | 57 | .19914 | .47053 | .54323- |
| 3 | 58 | .21628 | .51103 | .50167- |
| 3 | 59 | .21734 | .51353 | .49910- |
| 3 | 60 | .20515 | .48472 | .52866- |
| 3 | 61 | .20497 | .48431 | .52909- |
| 3 | 62 | .20037 | .47345 | .54023- |
| 3 | 63 | .19684 | .46510 | .54879- |
| 3 | 64 | .21734 | .51353 | .49910- |
| 3 | 65 | .22087 | .52188 | .49054- |
| 3 | 66 | .20709 | .48932 | .52395- |
| 3 | 67 | .20285 | .47930 | .53423- |
| 3 | 68 | .19631 | .46385 | .55008- |
| 3 | 69 | .18804 | .44431 | .57013- |
| 3 | 70 | .22289 | .52665 | .48565- |
| 3 | 71 | .41747 | .98042 | .01999- |
| 3 | 72 | .20998 | .49614 | .51695- |
| 3 | 73 | .19052 | .45016 | .56413- |
| 3 | 74 | .17017 | .40209 | .61344- |
| 3 | 75 | .23315 | .55089 | .46078- |
| 3 | 76 | .24164 | .57095 | .44019- |
| 3 | 77 | .19989 | .47231 | .54140- |
| 3 | 78 | .26039 | .61526 | .39474- |
| 3 | 79 | .29736 | .70261 | .30511- |
| 3 | 81 | .32089 | .75821 | .24808- |
| 3 | 82 | .44684 | 1.05580 | .05729 |
| 3 | 83 | .64425 | 1.52226 | .53583 |
| 3 | 84 | .23881 | .56427 | .44705- |
| 3 | 85 | .20396 | .48192 | .5 159- |
| 3 | 86 | .42950 | 1.01484 | .01523 |

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| | | | | |
|---|----|--------|---------|---------|
| 4 | 1 | .29579 | .69890 | .30892- |
| 4 | 2 | .25818 | .61003 | .40010- |
| 4 | 3 | .35089 | .82909 | .17535- |
| 4 | 4 | .24016 | .56747 | .44377- |
| 4 | 5 | .22922 | .54160 | .47031- |
| 4 | 6 | .32681 | .77693 | .22886- |
| 4 | 7 | .45808 | 1.08236 | .08450 |
| 4 | 8 | .50081 | 1.18334 | .18810 |
| 4 | 9 | .22162 | .52366 | .48872- |
| 4 | 10 | .21827 | .51573 | .49685- |
| 4 | 11 | .31575 | .74605 | .26054- |
| 4 | 12 | .45084 | 1.06526 | .06695 |
| 4 | 13 | .59476 | 1.40532 | .41585 |
| 4 | 14 | .55944 | 1.32187 | .33023 |
| 4 | 15 | .21580 | .50989 | .50284- |
| 4 | 16 | .21527 | .50864 | .50413- |
| 4 | 17 | .31098 | .73479 | .27210- |
| 4 | 18 | .44024 | 1.04022 | .04127 |
| 4 | 19 | .60659 | 1.43328 | .44453 |
| 4 | 20 | .70372 | 1.66277 | .67998 |
| 4 | 21 | .21544 | .50905 | .50370- |
| 4 | 22 | .21474 | .50738 | .50541- |
| 4 | 23 | .30692 | .72519 | .28195- |
| 4 | 24 | .43194 | 1.02061 | .02114 |
| 4 | 25 | .58999 | 1.39405 | .40429 |
| 4 | 26 | .75899 | 1.79337 | .81398 |
| 4 | 27 | .66434 | 1.56972 | .58452 |
| 4 | 28 | .21791 | .51489 | .49771- |
| 4 | 29 | .22003 | .51990 | .49257- |
| 4 | 30 | .20820 | .49195 | .52125- |
| 4 | 31 | .20767 | .49069 | .52254- |
| 4 | 32 | .20873 | .49320 | .51997- |
| 4 | 33 | .20944 | .49487 | .51876- |
| 4 | 34 | .20926 | .49445 | .51868- |
| 4 | 35 | .20992 | .49600 | .51710- |
| 4 | 36 | .20568 | .48598 | .52738- |
| 4 | 37 | .19914 | .47053 | .54323- |
| 4 | 38 | .19931 | .47095 | .5'280- |
| 4 | 39 | .18412 | .43504 | .57963- |
| 4 | 40 | .21486 | .50769 | .50510- |
| 4 | 41 | .26310 | .62167 | .38816- |
| 4 | 42 | .31099 | .73481 | .27208- |
| 4 | 43 | .36824 | .87008 | .13329- |
| 4 | 44 | .44068 | 1.04126 | .04233 |
| 4 | 45 | .50977 | 1.20451 | .20982 |
| 4 | 46 | .59476 | 1.40533 | .41586 |

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| | | | | |
|---|----|---------|---------|---------|
| 4 | 47 | .68735 | 1.62410 | .64031 |
| 4 | 48 | .77305 | 1.82659 | .84806 |
| 4 | 49 | .79585 | 1.88045 | .90332 |
| 4 | 50 | .71739 | 1.69507 | .71313 |
| 4 | 51 | .41452 | .97947 | .08106 |
| 4 | 52 | .21645 | .51145 | .50125- |
| 4 | 53 | .20956 | .49516 | .51795- |
| 4 | 54 | .20674 | .48848 | .52481- |
| 4 | 55 | .20780 | .49099 | .52224- |
| 4 | 56 | .20267 | .47888 | .53466- |
| 4 | 57 | .19984 | .47220 | .54151- |
| 4 | 58 | .21698 | .51270 | .49996- |
| 4 | 59 | .21769 | .51437 | .49825- |
| 4 | 60 | .20550 | .48556 | .52780- |
| 4 | 61 | .20532 | .48514 | .52823- |
| 4 | 62 | .20126 | .47554 | .53808- |
| 4 | 63 | .19719 | .45594 | .54794- |
| 4 | 64 | .21787 | .51479 | .49782- |
| 4 | 65 | .22087 | .52188 | .49054- |
| 4 | 66 | .20762 | .49057 | .52266- |
| 4 | 67 | .20356 | .48097 | .53292- |
| 4 | 68 | .19666 | .46468 | .54922- |
| 4 | 69 | .18857 | .44556 | .56884- |
| 4 | 70 | .22236 | .52539 | .48694- |
| 4 | 71 | .42030 | .99911 | .00707 |
| 4 | 72 | .21086 | .49823 | .51481- |
| 4 | 73 | .19034 | .44974 | .56455- |
| 4 | 74 | .017000 | .40167 | .61387- |
| 4 | 75 | .23279 | .35005 | .46163- |
| 4 | 76 | .24129 | .57012 | .44105- |
| 4 | 77 | .19954 | .47148 | .54225- |
| 4 | 78 | .26021 | .61484 | .3951,- |
| 4 | 79 | .29718 | .70220 | .30554- |
| 4 | 81 | .32071 | .75779 | .24850- |
| 4 | 82 | .44719 | 1.05664 | .05811 |
| 4 | 83 | .64355 | 1.52059 | .53411 |
| 4 | 84 | .23881 | .56427 | .44705- |
| 4 | 85 | .20414 | .48234 | .01111- |
| 4 | 86 | .42915 | 1.01401 | .01437 |

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| | | | | |
|---|----|--------|---------|---------|
| 7 | 1 | .14964 | .80889 | .08814- |
| 7 | 2 | .11803 | .63829 | .16681- |
| 7 | 3 | .17694 | .95648 | .02007- |
| 7 | 4 | .11258 | .60858 | .18052- |
| 7 | 5 | .11134 | .60187 | .18361- |
| 7 | 6 | .18173 | .98236 | .00814- |
| 7 | 7 | .27995 | 1.51331 | .23673 |
| 7 | 8 | .25495 | 1.37818 | .17441 |
| 7 | 9 | .10886 | .58846 | .18980- |
| 7 | 10 | .10886 | .58846 | .18980- |
| 7 | 11 | .17800 | .96223 | .01742- |
| 7 | 12 | .28828 | 1.55836 | .25751 |
| 7 | 13 | .40476 | 2.18802 | .54790 |
| 7 | 14 | .29768 | 1.60915 | .28093 |
| 7 | 15 | .10780 | .58271 | .19245- |
| 7 | 16 | .10744 | .58079 | .19333- |
| 7 | 17 | .17729 | .95840 | .01919- |
| 7 | 18 | .28066 | 1.51715 | .23850 |
| 7 | 19 | .43278 | 2.33945 | .61774 |
| 7 | 20 | .47834 | 2.58576 | .73133 |
| 7 | 21 | .10815 | .58462 | .19157- |
| 7 | 22 | .10780 | .58271 | .19245- |
| 7 | 23 | .17304 | .93540 | .02979- |
| 7 | 24 | .27552 | 1.48935 | .22568 |
| 7 | 25 | .42090 | 2.27524 | .58812 |
| 7 | 26 | .55954 | 3.02471 | .93377 |
| 7 | 27 | .39696 | 2.14585 | .52845 |
| 7 | 28 | .10992 | .59421 | .18715- |
| 7 | 29 | .07092 | .38336 | .28439- |
| 7 | 30 | .06719 | .36323 | .29367- |
| 7 | 31 | .06684 | .36132 | .29455- |
| 7 | 32 | .06755 | .36515 | .29276- |
| 7 | 33 | .06844 | .36994 | .29057- |
| 7 | 34 | .06968 | .37665 | .28748- |
| 7 | 35 | .07096 | .38359 | .28428- |
| 7 | 36 | .07096 | .38359 | .28428- |
| 7 | 37 | .06901 | .37304 | .28915- |
| 7 | 38 | .06493 | .35098 | .7.932- |
| 7 | 39 | .08338 | .45072 | .25332- |
| 7 | 40 | .10750 | .58114 | .19317- |
| 7 | 41 | .13979 | .75567 | .11268- |
| 7 | 42 | .17527 | .94746 | .02423- |
| 7 | 43 | .22069 | 1.19296 | .08899 |
| 7 | 44 | .28100 | 1.51901 | .23936 |
| 7 | 45 | .34238 | 1.85082 | .39239 |
| 7 | 46 | .42541 | 2.29962 | .59937 |

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| | | | | |
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| 7 | 47 | .51304 | 2.77355 | .81784 |
| 7 | 48 | .57194 | 3.09173 | .96468 |
| 7 | 49 | .54143 | 2.92678 | .8861 |
| 7 | 50 | .43907 | 2.37346 | .63342 |
| 7 | 51 | .32003 | 1.72999 | .33666 |
| 7 | 52 | .10992 | .58881 | .18964- |
| 7 | 53 | .06723 | .36345 | .29357- |
| 7 | 54 | .06635 | .35866 | .29578- |
| 7 | 55 | .36777 | .36633 | .79224- |
| 7 | 56 | .06777 | .36633 | .29224- |
| 7 | 57 | .06528 | .35290 | .29843- |
| 7 | 58 | .10857 | .58689 | .19052- |
| 7 | 59 | .10910 | .58977 | .15919- |
| 7 | 60 | .06599 | .35676 | .29666- |
| 7 | 61 | .07007 | .37879 | .28649- |
| 7 | 62 | .06759 | .36537 | .29268- |
| 7 | 63 | .06315 | .34139 | .30374- |
| 7 | 64 | .10892 | .58881 | .18964- |
| 7 | 65 | .10999 | .59456 | .18698- |
| 7 | 66 | .06617 | .35770 | .29622- |
| 7 | 67 | .06635 | .35866 | .29578- |
| 7 | 68 | .06688 | .36153 | .29445- |
| 7 | 69 | .06358 | .34370 | .30268- |
| 7 | 70 | .11047 | .59715 | .18579- |
| 7 | 71 | .11651 | .62979 | .17074- |
| 7 | 72 | .06749 | .36487 | .29294- |
| 7 | 73 | .06997 | .37826 | .28674- |
| 7 | 74 | .06429 | .34754 | .30091- |
| 7 | 75 | .11242 | .60771 | .18092- |
| 7 | 76 | .11207 | .60579 | .18180- |
| 7 | 77 | .08649 | .46754 | .24556- |
| 7 | 78 | .11526 | .62307 | .17383- |
| 7 | 79 | .14865 | .80356 | .09060- |
| 7 | 81 | .17014 | .91973 | .03702- |
| 7 | 82 | .17867 | .96581 | .01577- |
| 7 | 83 | .33779 | 1.82601 | .58095 |
| 7 | 84 | .06909 | .37346 | .28895- |
| 7 | 85 | .19749 | 1.06757 | .0?~16 |
| 7 | 86 | .16979 | .91781 | .03791- |

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| | | | | |
|---|----|--------|---------|---------|
| 9 | 1 | .15389 | .83189 | .07753- |
| 9 | 2 | .12091 | .65363 | .15974- |
| 9 | 3 | .17605 | .95169 | .02228- |
| 9 | 4 | .11631 | .62871 | .17123- |
| 9 | 5 | .11500 | .62200 | .17433- |
| 9 | 6 | .18793 | 1.01590 | .00733 |
| 9 | 7 | .27640 | 1.49414 | .22789 |
| 9 | 8 | .25335 | 1.36955 | .17043 |
| 9 | 9 | .11240 | .60762 | .18096- |
| 9 | 10 | .11240 | .60762 | .18096- |
| 9 | 11 | .18456 | .99769 | .00106- |
| 9 | 12 | .29661 | 1.60340 | .27828 |
| 9 | 13 | .39767 | 2.14969 | .53022 |
| 9 | 14 | .29679 | 1.60436 | .27872 |
| 9 | 15 | .11099 | .59996 | .18449- |
| 9 | 16 | .11045 | .59708 | .18582- |
| 9 | 17 | .18279 | .98811 | .00548- |
| 9 | 18 | .28917 | 1.56315 | .25972 |
| 9 | 19 | .44182 | 2.38833 | .64028 |
| 9 | 20 | .47302 | 2.55701 | .71807 |
| 9 | 21 | .11063 | .59804 | .18538- |
| 9 | 22 | .11081 | .59900 | .18494- |
| 9 | 23 | .17854 | .96511 | .01609- |
| 9 | 24 | .28314 | 1.53056 | .24469 |
| 9 | 25 | .43171 | 2.33370 | .61508 |
| 9 | 26 | .56823 | 3.07167 | .95543 |
| 9 | 27 | .40547 | 2.19186 | .54967 |
| 9 | 28 | .11258 | .60858 | .18052- |
| 9 | 29 | .07322 | .39582 | .27864- |
| 9 | 30 | .06932 | .37473 | .28836- |
| 9 | 31 | .06932 | .37473 | .28836- |
| 9 | 32 | .07003 | .37857 | .28660- |
| 9 | 33 | .07110 | .38432 | .28394- |
| 9 | 34 | .07180 | .38815 | .28218- |
| 9 | 35 | .07185 | .38838 | .28207- |
| 9 | 36 | .07238 | .39126 | .28074- |
| 9 | 37 | .07096 | .38359 | .28128- |
| 9 | 38 | .06599 | .35674 | .24666- |
| 9 | 39 | .08533 | .46127 | .24846- |
| 9 | 40 | .11017 | .59552 | .18654- |
| 9 | 41 | .14298 | .77293 | .10472- |
| 9 | 42 | .17935 | .36952 | .01406- |
| 9 | 43 | .22707 | 1.22748 | .10491 |
| 9 | 44 | .28881 | 1.56121 | .25882 |
| 9 | 45 | .35143 | 1.89972 | .41494 |
| 9 | 46 | .43587 | 2.35619 | .62546 |

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| | | | | |
|---|----|---------|---------|---------|
| 9 | 47 | .52546 | 2.84048 | .84880 |
| 9 | 48 | .58312 | 3.15214 | .99254 |
| 9 | 49 | .55101 | 2.97857 | .91249 |
| 9 | 50 | .44776 | 2.42045 | .65509 |
| 9 | 51 | .32835 | 1.77602 | .35789 |
| 9 | 52 | .11176 | .60415 | .18256- |
| 9 | 53 | .06954 | .37592 | .28782- |
| 9 | 54 | .06848 | .37016 | .29047- |
| 9 | 55 | .06990 | .37784 | .28693- |
| 9 | 56 | .06990 | .37784 | .28693- |
| 9 | 57 | .06741 | .36441 | .29313- |
| 9 | 58 | .11141 | .60223 | .18344- |
| 9 | 59 | .11158 | .60319 | .18300- |
| 9 | 60 | .606741 | .36441 | .29313- |
| 9 | 61 | .07291 | .39414 | .27942- |
| 9 | 62 | .06990 | .37784 | .28693- |
| 9 | 63 | .06422 | .34715 | .30109- |
| 9 | 64 | .11141 | .60223 | .18344- |
| 9 | 65 | .11313 | .61182 | .17902- |
| 9 | 66 | .06812 | .36825 | .29136- |
| 9 | 67 | .06883 | .37208 | .28959- |
| 9 | 68 | .06919 | .37400 | .28870- |
| 9 | 69 | .06482 | .35042 | .29958- |
| 9 | 70 | .11366 | .61443 | .17782- |
| 9 | 71 | .11544 | .62403 | .17339- |
| 9 | 72 | .06926 | .37442 | .28851- |
| 9 | 73 | .07068 | .38210 | .28497- |
| 9 | 74 | .06571 | .35522 | .29736- |
| 9 | 75 | .11562 | .62499 | .17295- |
| 9 | 76 | .11544 | .62403 | .17339- |
| 9 | 77 | .08915 | .48194 | .23802- |
| 9 | 78 | .11828 | .63939 | .16631- |
| 9 | 79 | .15309 | .82796 | .07953- |
| 9 | 81 | .17476 | .94469 | .02551- |
| 9 | 82 | .18506 | 1.00037 | .00017 |
| 9 | 83 | .34738 | 1.87785 | .40485 |
| 9 | 84 | .07228 | .39074 | .0098- |
| 9 | 85 | .20779 | 1.12326 | .5684 |
| 9 | 86 | .18222 | .98501 | .00691- |

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| | | | | |
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| 10 | 1 | .37920 | .64274 | .62730- |
| 10 | 2 | .35044 | .59399 | .71290- |
| 10 | 3 | .40796 | .69149 | .54171- |
| 10 | 4 | .33340 | .56510 | .76362- |
| 10 | 5 | .32843 | .55668 | .77841- |
| 10 | 6 | .38666 | .65538 | .60511- |
| 10 | 7 | .48395 | .82027 | .31557- |
| 10 | 8 | .56490 | .95749 | .07464- |
| 10 | 9 | .32772 | .55548 | .78052- |
| 10 | 10 | .33251 | .56360 | .76626- |
| 10 | 11 | .37186 | .62860 | .65213- |
| 10 | 12 | .47649 | .80764 | .33776- |
| 10 | 13 | .58070 | .98427 | .02762- |
| 10 | 14 | .64923 | 1.10042 | .17632 |
| 10 | 15 | .33802 | .57293 | .74988- |
| 10 | 16 | .34157 | .57895 | .73931- |
| 10 | 17 | .36642 | .62107 | .66534- |
| 10 | 18 | .47294 | .80162 | .34833- |
| 10 | 19 | .58567 | .99269 | .01283- |
| 10 | 20 | .68456 | 1.16030 | .28147 |
| 10 | 21 | .34530 | .58527 | .72822- |
| 10 | 22 | .34760 | .58918 | .72135- |
| 10 | 23 | .36127 | .61235 | .68067- |
| 10 | 24 | .46726 | .79199 | .36524- |
| 10 | 25 | .58123 | .98517 | .02604- |
| 10 | 26 | .69006 | 1.16963 | .29785 |
| 10 | 27 | .75237 | 1.27525 | .48330 |
| 10 | 28 | .34831 | .59038 | .71924- |
| 10 | 29 | .54768 | .92830 | .12589- |
| 10 | 30 | .53294 | .90333 | .16975- |
| 10 | 31 | .52744 | .89400 | .18613- |
| 10 | 32 | .52318 | .88678 | .19881- |
| 10 | 33 | .52034 | .88196 | .20726- |
| 10 | 34 | .51856 | .87895 | .21254- |
| 10 | 35 | .51337 | .87014 | .22801- |
| 10 | 36 | .50378 | .85389 | .25656- |
| 10 | 37 | .48619 | .82408 | .37890- |
| 10 | 38 | .45759 | .77560 | .19401- |
| 10 | 39 | .41087 | .69642 | .53305- |
| 10 | 40 | .34977 | .59284 | .71421- |
| 10 | 41 | .33058 | .56032 | .77201- |
| 10 | 42 | .36238 | .61422 | .67738- |
| 10 | 43 | .41460 | .70274 | .52195- |
| 10 | 44 | .47304 | .80180 | .34802- |
| 10 | 45 | .52491 | .88971 | .19365- |
| 10 | 46 | .58567 | .99269 | .01284- |

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| | | | | |
|----|----|--------|---------|---------|
| 10 | 47 | .64482 | 1.09295 | .16321 |
| 10 | 48 | .69598 | 1.17965 | .31546 |
| 10 | 49 | .73932 | 1.25313 | .44446 |
| 10 | 50 | .76312 | 1.29347 | .51530 |
| 10 | 51 | .74962 | 1.27059 | .47512 |
| 10 | 52 | .34959 | .59254 | .71544- |
| 10 | 53 | .53184 | .90146 | .17303- |
| 10 | 54 | .52083 | .88279 | .20581- |
| 10 | 55 | .51763 | .87737 | .21532- |
| 10 | 56 | .50093 | .84907 | .26502- |
| 10 | 57 | .45226 | .76657 | .40987- |
| 10 | 58 | .34959 | .59254 | .71544- |
| 10 | 59 | .34763 | .58923 | .72126- |
| 10 | 60 | .51941 | .88038 | .21003- |
| 10 | 61 | .51550 | .87376 | .22167- |
| 10 | 62 | .49898 | .84576 | .27083- |
| 10 | 63 | .44747 | .75844 | .42415- |
| 10 | 64 | .34479 | .58441 | .72972- |
| 10 | 65 | .33964 | .57568 | .74505- |
| 10 | 66 | .52936 | .89724 | .18043- |
| 10 | 67 | .51763 | .87737 | .21532- |
| 10 | 68 | .49738 | .84305 | .27559- |
| 10 | 69 | .43996 | .74573 | .44647- |
| 10 | 70 | .33575 | .56909 | .75662- |
| 10 | 71 | .33184 | .56246 | .76826- |
| 10 | 72 | .53831 | .91242 | .15379- |
| 10 | 73 | .50594 | .85756 | .25011- |
| 10 | 74 | .43499 | .73729 | .46129- |
| 10 | 75 | .33291 | .56427 | .76509- |
| 10 | 76 | .34180 | .57934 | .73862- |
| 10 | 77 | .44548 | .75507 | .43006- |
| 10 | 78 | .36741 | .62275 | .66241- |
| 10 | 79 | .00000 | .00000 | .00000 |
| 10 | 81 | .48976 | .83013 | .29828- |
| 10 | 82 | .59753 | 1.01279 | .02246 |
| 10 | 83 | .73304 | 1.24248 | .42576 |
| 10 | 84 | .55876 | .94708 | .09292- |
| 10 | 85 | .59806 | 1.01369 | .0 .404 |
| 10 | 86 | .60571 | 1.02666 | .04680 |

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| | | | | |
|----|----|--------|---------|---------|
| 12 | 1 | .48388 | .73467 | .59822- |
| 12 | 2 | .45970 | .69797 | .68098- |
| 12 | 3 | .49526 | .75195 | .55927- |
| 12 | 4 | .43944 | .66720 | .75035- |
| 12 | 5 | .42362 | .64918 | .80451- |
| 12 | 6 | .46948 | .71281 | .64751- |
| 12 | 7 | .55036 | .83562 | .37062- |
| 12 | 8 | .62538 | .94952 | .11382- |
| 12 | 9 | .40815 | .61970 | .85745- |
| 12 | 10 | .39908 | .60593 | .88849- |
| 12 | 11 | .44975 | .68285 | .71505- |
| 12 | 12 | .53792 | .81672 | .41322- |
| 12 | 13 | .63214 | .95977 | .09070- |
| 12 | 14 | .69933 | 1.06179 | .13932 |
| 12 | 15 | .39037 | .59270 | .91830- |
| 12 | 16 | .38611 | .58623 | .93291- |
| 12 | 17 | .44246 | .67179 | .74000- |
| 12 | 18 | .53188 | .80755 | .43391- |
| 12 | 19 | .63622 | .96598 | .07670- |
| 12 | 20 | .72706 | 1.10390 | .23426 |
| 12 | 21 | .38380 | .58272 | .94082- |
| 12 | 22 | .38255 | .58083 | .94508- |
| 12 | 23 | .43659 | .66288 | .76009- |
| 12 | 24 | .52583 | .79837 | .45460- |
| 12 | 25 | .62947 | .95572 | .09983- |
| 12 | 26 | .72955 | 1.10768 | .24278 |
| 12 | 27 | .79319 | 1.20430 | .46063 |
| 12 | 28 | .38326 | .58191 | .94264- |
| 12 | 29 | .63587 | .96544 | .07792- |
| 12 | 30 | .62467 | .94844 | .11626- |
| 12 | 31 | .62503 | .94898 | .11504- |
| 12 | 32 | .62503 | .94898 | .11504- |
| 12 | 33 | .62627 | .95086 | .11078- |
| 12 | 34 | .62627 | .95086 | .11078- |
| 12 | 35 | .61330 | .93118 | .15517- |
| 12 | 36 | .58271 | .88473 | .25990- |
| 12 | 37 | .59326 | .80965 | .42917- |
| 12 | 38 | .46816 | .71081 | .6103- |
| 12 | 39 | .40786 | .61926 | .85844- |
| 12 | 40 | .37976 | .57650 | .95465- |
| 12 | 41 | .40786 | .61926 | .85844- |
| 12 | 42 | .43703 | .66355 | .75858- |
| 12 | 43 | .47990 | .72863 | .61184- |
| 12 | 44 | .52970 | .80425 | .44135- |
| 12 | 45 | .57684 | .87582 | .27999- |
| 12 | 46 | .63180 | .95927 | .09184- |

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|----|----|--------|---------|---------|
| 12 | 67 | .68516 | 1.04028 | .09083 |
| 12 | 68 | .73337 | 1.11347 | .25584 |
| 12 | 69 | .77659 | 1.17910 | .40380 |
| 12 | 70 | .80220 | 1.21799 | .49148 |
| 12 | 71 | .79224 | 1.20286 | .45738 |
| 12 | 72 | .39096 | .59360 | .91629- |
| 12 | 73 | .62220 | .94468 | .12472- |
| 12 | 74 | .63074 | .95765 | .09549- |
| 12 | 75 | .63483 | .96386 | .08149- |
| 12 | 76 | .54836 | .90849 | .23631- |
| 12 | 77 | .47683 | .72701 | .61549- |
| 12 | 78 | .39950 | .60656 | .88706- |
| 12 | 79 | .40626 | .61683 | .86392- |
| 12 | 80 | .64639 | .98141 | .04191- |
| 12 | 81 | .64568 | .98033 | .04435- |
| 12 | 82 | .62255 | .94522 | .12350- |
| 12 | 83 | .50231 | .78266 | .53512- |
| 12 | 84 | .41515 | .63033 | .83348- |
| 12 | 85 | .42476 | .64491 | .80060- |
| 12 | 86 | .65848 | .99978 | .00651- |
| 12 | 87 | .65599 | .99599 | .00903- |
| 12 | 88 | .63554 | .96494 | .07905- |
| 12 | 89 | .52086 | .79082 | .47162- |
| 12 | 90 | .43877 | .66518 | .75264- |
| 12 | 91 | .451C6 | .68484 | .71058- |
| 12 | 92 | .66118 | 1.00387 | .00873 |
| 12 | 93 | .64604 | .96089 | .04309- |
| 12 | 94 | .54027 | .82029 | .40518- |
| 12 | 95 | .46726 | .70944 | .65510- |
| 12 | 96 | .48329 | .73377 | .60024- |
| 12 | 97 | .56306 | .85490 | .32715- |
| 12 | 98 | .50359 | .76460 | .53075- |
| 12 | 99 | .00000 | .00000 | .00000- |
| 12 | 81 | .39084 | .89708 | .23206- |
| 12 | 82 | .66047 | 1.00279 | .00629 |
| 12 | 83 | .77069 | 1.17015 | .38362 |
| 12 | 84 | .65388 | .99279 | .01177- |
| 12 | 85 | .66350 | 1.00739 | .01165 |
| 12 | 86 | .67222 | 1.02061 | .04432 |

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| | | | | |
|----|----|--------|---------|---------|
| 13 | 1 | .59392 | .82529 | .50645- |
| 13 | 2 | .57490 | .79886 | .58307- |
| 13 | 3 | .59694 | .82949 | .49428- |
| 13 | 4 | .56067 | .77910 | .64036- |
| 13 | 5 | .55179 | .76675 | .67617- |
| 13 | 6 | .57418 | .79787 | .58594- |
| 13 | 7 | .63231 | .87865 | .35178- |
| 13 | 8 | .68938 | .95794 | .12192- |
| 13 | 9 | .54076 | .75143 | .72056- |
| 13 | 10 | .53561 | .74427 | .74133- |
| 13 | 11 | .55694 | .77391 | .65540- |
| 13 | 12 | .61934 | .86062 | .40405- |
| 13 | 13 | .69187 | .96140 | .11189- |
| 13 | 14 | .75017 | 1.04242 | .12298 |
| 13 | 15 | .53188 | .73908 | .75637- |
| 13 | 16 | .52850 | .73439 | .76997- |
| 13 | 17 | .54912 | .76304 | .68691- |
| 13 | 18 | .61151 | .84975 | .43556- |
| 13 | 19 | .69311 | .96313 | .10688- |
| 13 | 20 | .77079 | 1.07108 | .20605 |
| 13 | 21 | .52725 | .73266 | .77498- |
| 13 | 22 | .52637 | .73143 | .77856- |
| 13 | 23 | .54467 | .75687 | .70481- |
| 13 | 24 | .60583 | .84184 | .45848- |
| 13 | 25 | .68689 | .95449 | .13194- |
| 13 | 26 | .77079 | 1.07108 | .20605 |
| 13 | 27 | .82750 | 1.14988 | .43448 |
| 13 | 28 | .52690 | .73217 | .77642- |
| 13 | 29 | .70306 | .97696 | .06678- |
| 13 | 30 | .69542 | .96634 | .09757- |
| 13 | 31 | .69471 | .96535 | .10043- |
| 13 | 32 | .69435 | .96486 | .10187- |
| 13 | 33 | .69471 | .96535 | .10043- |
| 13 | 34 | .69400 | .9643 | .10380- |
| 13 | 35 | .68321 | .94937 | .14677- |
| 13 | 36 | .65439 | .90933 | .26284- |
| 13 | 37 | .60832 | .84531 | .44842- |
| 13 | 38 | .56706 | .78797 | .6146 - |
| 13 | 39 | .54304 | .75460 | .71138- |
| 13 | 40 | .52597 | .73088 | .78016- |
| 13 | 41 | .53486 | .74323 | .74434- |
| 13 | 42 | .54536 | .75782 | .70206- |
| 13 | 43 | .57204 | .79489 | .59459- |
| 13 | 44 | .60779 | .84497 | .45057- |
| 13 | 45 | .64550 | .89697 | .29867- |
| 13 | 46 | .68961 | .95827 | .12097- |

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| | | | | |
|----|----|--------|---------|---------|
| 13 | 47 | .73372 | 1.01957 | .05672 |
| 13 | 48 | .77552 | 1.07765 | .22510 |
| 13 | 49 | .81252 | 1.12906 | .37414 |
| 13 | 50 | .83493 | 1.16021 | .46442 |
| 13 | 51 | .82995 | 1.15329 | .44436 |
| 13 | 52 | .53059 | .73730 | .74153- |
| 13 | 53 | .69637 | .96766 | .09374- |
| 13 | 54 | .70171 | .97508 | .07225- |
| 13 | 55 | .70384 | .97804 | .06365- |
| 13 | 56 | .66595 | .92540 | .21627- |
| 13 | 57 | .57471 | .79860 | .58384- |
| 13 | 58 | .53451 | .74274 | .74577- |
| 13 | 59 | .53943 | .74966 | .72571- |
| 13 | 60 | .71345 | .99139 | .02496- |
| 13 | 61 | .71149 | .98867 | .03284- |
| 13 | 62 | .68534 | .95234 | .13817- |
| 13 | 63 | .59012 | .82010 | .52150- |
| 13 | 64 | .54465 | .75683 | .70493- |
| 13 | 65 | .55051 | .76498 | .68128- |
| 13 | 66 | .72270 | 1.00424 | .01230 |
| 13 | 67 | .71949 | .99979 | .00860- |
| 13 | 68 | .69495 | .96568 | .09948- |
| 13 | 69 | .60153 | .83587 | .47580- |
| 13 | 70 | .55736 | .77450 | .65369- |
| 13 | 71 | .56484 | .78490 | .62356- |
| 13 | 72 | .72173 | 1.00289 | .00839 |
| 13 | 73 | .70089 | .97394 | .07553- |
| 13 | 74 | .61684 | .85715 | .41411- |
| 13 | 75 | .57482 | .79875 | .58339- |
| 13 | 76 | .58514 | .81310 | .54179- |
| 13 | 77 | .63287 | .87942 | .34955- |
| 13 | 78 | .59832 | .83142 | .48871- |
| 13 | 79 | .61239 | .85096 | .43204- |
| 13 | 81 | .68771 | .95563 | .12862- |
| 13 | 82 | .72119 | 1.00215 | .00624 |
| 13 | 83 | .81272 | 1.12934 | .37494 |
| 13 | 84 | .72155 | 1.00265 | .00767 |
| 13 | 85 | .72511 | 1.00760 | .1_202 |
| 13 | 86 | .73223 | 1.01749 | .05071 |

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| | | | | |
|----|----|--------|---------|---------|
| 14 | 1 | .70413 | .88978 | .45541- |
| 14 | 2 | .69080 | .87293 | .52502- |
| 14 | 3 | .70484 | .89068 | .45170- |
| 14 | 4 | .68013 | .85946 | .58071- |
| 14 | 5 | .67427 | .85204 | .61134- |
| 14 | 6 | .68778 | .86912 | .54080- |
| 14 | 7 | .72724 | .91898 | .33475- |
| 14 | 8 | .76884 | .97155 | .11755- |
| 14 | 9 | .66680 | .84261 | .69032- |
| 14 | 10 | .66360 | .83857 | .66703- |
| 14 | 11 | .67516 | .85317 | .60670- |
| 14 | 12 | .71622 | .90506 | .39229- |
| 14 | 13 | .76919 | .97200 | .11570- |
| 14 | 14 | .81363 | 1.02816 | .11634 |
| 14 | 15 | .66005 | .83407 | .68559- |
| 14 | 16 | .65756 | .83093 | .69852- |
| 14 | 17 | .66893 | .84530 | .63919- |
| 14 | 18 | .70929 | .89630 | .42849- |
| 14 | 19 | .76813 | .97065 | .12127- |
| 14 | 20 | .82715 | 1.04523 | .18689 |
| 14 | 21 | .65649 | .82958 | .70416- |
| 14 | 22 | .65613 | .82913 | .70681- |
| 14 | 23 | .66680 | .84261 | .65032- |
| 14 | 24 | .70413 | .88978 | .45541- |
| 14 | 25 | .76173 | .96256 | .15468- |
| 14 | 26 | .82572 | 1.04343 | .17946 |
| 14 | 27 | .86803 | 1.09690 | .40036 |
| 14 | 28 | .65542 | .82823 | .70973- |
| 14 | 29 | .77968 | .98525 | .06094- |
| 14 | 30 | .77417 | .97829 | .08971- |
| 14 | 31 | .77417 | .97829 | .08971- |
| 14 | 32 | .77310 | .97694 | .09528- |
| 14 | 33 | .77364 | .97761 | .09249- |
| 14 | 34 | .77293 | .97672 | .09621- |
| 14 | 35 | .76129 | .96202 | .13694- |
| 14 | 36 | .73461 | .92830 | .29625- |
| 14 | 37 | .70295 | .88829 | .46157- |
| 14 | 38 | .67805 | .85682 | .59159- |
| 14 | 39 | .66578 | .84131 | .65567- |
| 14 | 40 | .65457 | .82715 | .71418- |
| 14 | 41 | .66008 | .83412 | .68539- |
| 14 | 42 | .66667 | .84244 | .63103- |
| 14 | 43 | .68232 | .86222 | .56930- |
| 14 | 44 | .70509 | .89099 | .45042- |
| 14 | 45 | .73034 | .92291 | .31854- |
| 14 | 46 | .76165 | .96247 | .13509- |

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| | | | | |
|----|----|--------|---------|---------|
| 14 | 47 | .79580 | 1.00562 | .02323 |
| 14 | 48 | .82711 | 1.04518 | .18668 |
| 14 | 49 | .85628 | 1.08204 | .33900 |
| 14 | 50 | .87406 | 1.10452 | .43187 |
| 14 | 51 | .87086 | 1.10047 | .41515 |
| 14 | 52 | .65813 | .83165 | .69561- |
| 14 | 53 | .77268 | .97640 | .09751- |
| 14 | 54 | .77766 | .98270 | .07150- |
| 14 | 55 | .77873 | .98404 | .06593- |
| 14 | 56 | .74368 | .93976 | .24889- |
| 14 | 57 | .68303 | .86312 | .56558- |
| 14 | 58 | .66044 | .83457 | .68353- |
| 14 | 59 | .66275 | .83749 | .67146- |
| 14 | 60 | .78691 | .99438 | .02321- |
| 14 | 61 | .78584 | .99303 | .02878- |
| 14 | 62 | .75880 | .95887 | .16995- |
| 14 | 63 | .69370 | .87660 | .50986- |
| 14 | 64 | .66702 | .84289 | .64917- |
| 14 | 65 | .67022 | .84693 | .63245- |
| 14 | 66 | .79491 | 1.00450 | .01858 |
| 14 | 67 | .79278 | 1.00180 | .00744 |
| 14 | 68 | .76663 | .96876 | .12908- |
| 14 | 69 | .70285 | .88816 | .46210- |
| 14 | 70 | .67703 | .85553 | .59692- |
| 14 | 71 | .68148 | .86116 | .57367- |
| 14 | 72 | .79402 | 1.00337 | .01394 |
| 14 | 73 | .76998 | .97300 | .11158- |
| 14 | 74 | .71211 | .89985 | .41375- |
| 14 | 75 | .68771 | .86904 | .54113- |
| 14 | 76 | .69466 | .87781 | .50487- |
| 14 | 77 | .72333 | .91404 | .35518- |
| 14 | 78 | .70338 | .88884 | .45931- |
| 14 | 79 | .71389 | .90211 | .40445- |
| 14 | 81 | .77871 | .98402 | .06602- |
| 14 | 82 | .79117 | .99977 | .00094- |
| 14 | 83 | .85866 | 1.08506 | .35145 |
| 14 | 84 | .79545 | 1.00517 | .02138 |
| 14 | 85 | .79331 | 1.00247 | .01C 2 |
| 14 | 86 | .79865 | 1.00922 | .03812 |

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| | | | | |
|----|----|--------|---------|---------|
| 15 | 1 | .77790 | .92399 | .43087- |
| 15 | 2 | .76902 | .91344 | .49072- |
| 15 | 3 | .77861 | .92484 | .42608- |
| 15 | 4 | .76048 | .90330 | .54818- |
| 15 | 5 | .75639 | .89844 | .57571- |
| 15 | 6 | .76582 | .90964 | .51227- |
| 15 | 7 | .79497 | .94426 | .31596- |
| 15 | 8 | .82555 | .98058 | .11008- |
| 15 | 9 | .74999 | .89084 | .61880- |
| 15 | 10 | .74768 | .88810 | .63436- |
| 15 | 11 | .75604 | .89802 | .57810- |
| 15 | 12 | .78537 | .93286 | .38060- |
| 15 | 13 | .82537 | .98037 | .11127- |
| 15 | 14 | .85790 | 1.01901 | .10778 |
| 15 | 15 | .74555 | .88556 | .64873- |
| 15 | 16 | .74324 | .88282 | .66429- |
| 15 | 17 | .75231 | .89359 | .60324- |
| 15 | 18 | .78217 | .92906 | .40214- |
| 15 | 19 | .82412 | .97889 | .11963- |
| 15 | 20 | .86750 | 1.03041 | .17241 |
| 15 | 21 | .74342 | .88303 | .66309- |
| 15 | 22 | .74235 | .88176 | .67027- |
| 15 | 23 | .74982 | .89063 | .62000- |
| 15 | 24 | .77719 | .92315 | .43566- |
| 15 | 25 | .81879 | .97256 | .15556- |
| 15 | 26 | .86572 | 1.02830 | .16045 |
| 15 | 27 | .89843 | 1.06715 | .38069 |
| 15 | 28 | .74200 | .88134 | .67267- |
| 15 | 29 | .83479 | .99156 | .04783- |
| 15 | 30 | .83052 | .98649 | .07656- |
| 15 | 31 | .83052 | .98649 | .07656- |
| 15 | 32 | .82981 | .98565 | .08135- |
| 15 | 33 | .83052 | .98649 | .07656- |
| 15 | 34 | .82892 | .98459 | .08733- |
| 15 | 35 | .81786 | .97145 | .16184- |
| 15 | 36 | .79705 | .94673 | .30198- |
| 15 | 37 | .77428 | .91969 | .45528- |
| 15 | 38 | .75685 | .89898 | .57266- |
| 15 | 39 | .74813 | .88863 | .63139- |
| 15 | 40 | .74102 | .88018 | .67926- |
| 15 | 41 | .74546 | .88546 | .64931- |
| 15 | 42 | .74991 | .89074 | .61937- |
| 15 | 43 | .76058 | .90342 | .54751- |
| 15 | 44 | .77748 | .92349 | .43373- |
| 15 | 45 | .79669 | .94631 | .30437- |
| 15 | 46 | .81999 | .97399 | .14747- |

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| | | | | |
|----|----|--------|---------|---------|
| 15 | 47 | .84472 | 1.00335 | .01901 |
| 15 | 48 | .86855 | 1.03166 | .17950 |
| 15 | 49 | .89025 | 1.05744 | .32562 |
| 15 | 50 | .90466 | 1.07455 | .42264 |
| 15 | 51 | .90270 | 1.07223 | .40946 |
| 15 | 52 | .74333 | .88293 | .66369- |
| 15 | 53 | .83120 | .98730 | .07202- |
| 15 | 54 | .83369 | .99025 | .05525- |
| 15 | 55 | .83511 | .99194 | .04567- |
| 15 | 56 | .80452 | .95560 | .25167- |
| 15 | 57 | .76165 | .90469 | .54032- |
| 15 | 58 | .74617 | .88631 | .64452- |
| 15 | 59 | .74831 | .88884 | .63015- |
| 15 | 60 | .84223 | 1.00040 | .00224 |
| 15 | 61 | .84045 | .99828 | .00974- |
| 15 | 62 | .81732 | .97082 | .16544- |
| 15 | 63 | .76965 | .91419 | .48643- |
| 15 | 64 | .75080 | .89180 | .61338- |
| 15 | 65 | .75436 | .89602 | .58943- |
| 15 | 66 | .84685 | 1.00589 | .03338 |
| 15 | 67 | .84543 | 1.00420 | .02380 |
| 15 | 68 | .82319 | .97779 | .12591- |
| 15 | 69 | .77319 | .91839 | .46263- |
| 15 | 70 | .75645 | .89851 | .57534- |
| 15 | 71 | .75894 | .90147 | .55855- |
| 15 | 72 | .84317 | 1.00152 | .00860 |
| 15 | 73 | .82323 | .97783 | .12569- |
| 15 | 74 | .78102 | .92770 | .40987- |
| 15 | 75 | .76393 | .90739 | .52498- |
| 15 | 76 | .76980 | .91437 | .48541- |
| 15 | 77 | .79028 | .93870 | .34752- |
| 15 | 78 | .77657 | .92241 | .43985- |
| 15 | 79 | .78423 | .93151 | .38829- |
| 15 | 81 | .83551 | .99242 | .04296- |
| 15 | 82 | .84246 | 1.00067 | .00381 |
| 15 | 83 | .89161 | 1.05905 | .33475 |
| 15 | 84 | .84655 | 1.00554 | .03138 |
| 15 | 85 | .84335 | 1.00173 | .00510 |
| 15 | 86 | .84709 | 1.00617 | .03498 |

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| | | | | |
|----|----|--------|---------|---------|
| 16 | 1 | .85790 | .95840 | .36957- |
| 16 | 2 | .85132 | .95105 | .43485- |
| 16 | 3 | .85825 | .95880 | .36604- |
| 16 | 4 | .84652 | .94569 | .48248- |
| 16 | 5 | .84350 | .94232 | .51248- |
| 16 | 6 | .85008 | .94966 | .44720- |
| 16 | 7 | .86750 | .96913 | .27430- |
| 16 | 8 | .88563 | .98938 | .09434- |
| 16 | 9 | .84030 | .93874 | .54424- |
| 16 | 10 | .83870 | .93695 | .56011- |
| 16 | 11 | .84457 | .94351 | .50189- |
| 16 | 12 | .86181 | .96277 | .33075- |
| 16 | 13 | .88670 | .99057 | .08375- |
| 16 | 14 | .90661 | 1.01282 | .11385 |
| 16 | 15 | .83674 | .93477 | .57952- |
| 16 | 16 | .83568 | .93358 | .59011- |
| 16 | 17 | .84101 | .93954 | .53714- |
| 16 | 18 | .85897 | .95959 | .35898- |
| 16 | 19 | .88474 | .98839 | .10316- |
| 16 | 20 | .91247 | 1.01937 | .17208 |
| 16 | 21 | .83514 | .93298 | .59540- |
| 16 | 22 | .83479 | .93258 | .59893- |
| 16 | 23 | .83906 | .93735 | .55659- |
| 16 | 24 | .85577 | .95602 | .39074- |
| 16 | 25 | .88136 | .98462 | .13668- |
| 16 | 26 | .91123 | 1.01798 | .15973 |
| 16 | 27 | .00000 | .00000 | .00000- |
| 16 | 28 | .83426 | .93199 | .60422- |
| 16 | 29 | .89310 | .99772 | .02023- |
| 16 | 30 | .89025 | .99454 | .04846- |
| 16 | 31 | .89061 | .99494 | .04494- |
| 16 | 32 | .88990 | .99415 | .05199- |
| 16 | 33 | .88990 | .99415 | .05199- |
| 16 | 34 | .88776 | .99176 | .07316- |
| 16 | 35 | .87833 | .98123 | .16675- |
| 16 | 36 | .86339 | .96454 | .31504- |
| 16 | 37 | .85023 | .94983 | .44543- |
| 16 | 38 | .84045 | .93891 | .54218- |
| 16 | 39 | .83547 | .93334 | .59221- |
| 16 | 40 | .83173 | .92917 | .62928- |
| 16 | 41 | .83422 | .93195 | .60456- |
| 16 | 42 | .83778 | .93592 | .56926- |
| 16 | 43 | .84347 | .94228 | .51276- |
| 16 | 44 | .85414 | .95421 | .40684- |
| 16 | 45 | .86499 | .96633 | .29916- |
| 16 | 46 | .87993 | .98302 | .15086- |

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| | | | | |
|----|----|--------|----------|---------|
| 16 | 47 | .89577 | 1.003070 | .00625 |
| 16 | 48 | .91071 | 1.01740 | .15455 |
| 16 | 49 | .92511 | 1.03349 | .29754 |
| 16 | 50 | .93419 | 1.04363 | .38757 |
| 16 | 51 | .93205 | 1.04124 | .36639 |
| 16 | 52 | .83369 | .93135 | .60986- |
| 16 | 53 | .88936 | .99355 | .05730- |
| 16 | 54 | .89025 | .99454 | .04847- |
| 16 | 55 | .89007 | .99435 | .05024- |
| 16 | 56 | .86991 | .97189 | .24972- |
| 16 | 57 | .84383 | .94268 | .50923- |
| 16 | 58 | .83529 | .93314 | .59397- |
| 16 | 59 | .83671 | .93473 | .57985- |
| 16 | 60 | .89523 | 1.00011 | .00096 |
| 16 | 61 | .89416 | .99892 | .00963- |
| 16 | 62 | .87691 | .97964 | .18088- |
| 16 | 63 | .84845 | .94785 | .46333- |
| 16 | 64 | .83849 | .93672 | .56220- |
| 16 | 65 | .84027 | .93671 | .54454- |
| 16 | 66 | .89826 | 1.00349 | .03097 |
| 16 | 67 | .89737 | 1.00249 | .02214 |
| 16 | 68 | .88047 | .98361 | .14557- |
| 16 | 69 | .85207 | .95189 | .42738- |
| 16 | 70 | .84210 | .94075 | .52635- |
| 16 | 71 | .84388 | .94274 | .50868- |
| 16 | 72 | .89873 | 1.00401 | .03567 |
| 16 | 73 | .88306 | .98651 | .11986- |
| 16 | 74 | .85813 | .95866 | .36729- |
| 16 | 75 | .84887 | .94831 | .45919- |
| 16 | 76 | .85190 | .95170 | .42915- |
| 16 | 77 | .86383 | .96502 | .31074- |
| 16 | 78 | .85635 | .95667 | .38496- |
| 16 | 79 | .86080 | .96164 | .34078- |
| 16 | 81 | .89303 | .99765 | .02089- |
| 16 | 82 | .89659 | 1.00163 | .01446 |
| 16 | 83 | .92829 | 1.03704 | .32904 |
| 16 | 84 | .89944 | 1.00481 | .04273 |
| 16 | 85 | .89695 | 1.00203 | .01799 |
| 16 | 96 | .99051 | 1.00600 | .05334 |

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| | | | | |
|----|----|--------|---------|---------|
| 19 | 1 | .52105 | .78688 | .48908- |
| 19 | 2 | .49862 | .75185 | .56947- |
| 19 | 3 | .51542 | .77718 | .51134- |
| 19 | 4 | .47985 | .72355 | .63440- |
| 19 | 5 | .46502 | .70119 | .68573- |
| 19 | 6 | .48700 | .73433 | .60967- |
| 19 | 7 | .56206 | .84751 | .34993- |
| 19 | 8 | .63373 | .95557 | .10195- |
| 19 | 9 | .44876 | .67666 | .74201- |
| 19 | 10 | .43750 | .65969 | .78097- |
| 19 | 11 | .46413 | .69984 | .68882- |
| 19 | 12 | .54777 | .82595 | .39941- |
| 19 | 13 | .63945 | .96420 | .08216- |
| 19 | 14 | .70593 | 1.06444 | .14789- |
| 19 | 15 | .42642 | .64298 | .81931- |
| 19 | 16 | .41766 | .62977 | .84961- |
| 19 | 17 | .45197 | .68151 | .73088- |
| 19 | 18 | .53972 | .81383 | .42723- |
| 19 | 19 | .64195 | .56797 | .07350- |
| 19 | 20 | .73310 | 1.10541 | .24189 |
| 19 | 21 | .41051 | .61899 | .87435- |
| 19 | 22 | .40265 | .60714 | .90156- |
| 19 | 23 | .44429 | .66993 | .75747- |
| 19 | 24 | .53204 | .80224 | .45383- |
| 19 | 25 | .63516 | .95773 | .09700- |
| 19 | 26 | .73560 | 1.10918 | .25055 |
| 19 | 27 | .79815 | 1.20350 | .46699 |
| 19 | 28 | .39657 | .59798 | .92258- |
| 19 | 29 | .64016 | .96528 | .07969- |
| 19 | 30 | .63123 | .95180 | .11061- |
| 19 | 31 | .63141 | .95207 | .10999- |
| 19 | 32 | .63123 | .95180 | .11061- |
| 19 | 33 | .63266 | .95396 | .10566- |
| 19 | 34 | .63266 | .95396 | .10566- |
| 19 | 35 | .62463 | .94186 | .13343- |
| 19 | 36 | .59638 | .89925 | .23120- |
| 19 | 37 | .54595 | .82321 | .40570- |
| 19 | 38 | .47978 | .72345 | .63465- |
| 19 | 39 | .41988 | .63312 | .84 94- |
| 19 | 40 | .38948 | .58728 | .94713- |
| 19 | 41 | .41541 | .62630 | .85741- |
| 19 | 42 | .44348 | .66871 | .76026- |
| 19 | 43 | .48551 | .73207 | .61485- |
| 19 | 44 | .53576 | .80784 | .44097- |
| 19 | 45 | .58422 | .88092 | .27328- |
| 19 | 46 | .63840 | .96262 | .08579- |

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| | | | | |
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| 20 | 47 | .73337 | 1.01907 | .05529 |
| 20 | 48 | .77481 | 1.07666 | .22224 |
| 20 | 49 | .81234 | 1.12882 | .37342 |
| 20 | 50 | .83493 | 1.16021 | .46442 |
| 20 | 51 | .82960 | 1.15279 | .44292 |
| 20 | 52 | .52597 | .73088 | .78016- |
| 20 | 53 | .70526 | .98002 | .05792- |
| 20 | 54 | .69619 | .96741 | .09446- |
| 20 | 55 | .69050 | .95951 | .11739- |
| 20 | 56 | .63785 | .88634 | .32948- |
| 20 | 57 | .53065 | .77907 | .64044- |
| 20 | 58 | .52650 | .73162 | .77801- |
| 20 | 59 | .52721 | .73261 | .77515- |
| 20 | 60 | .70331 | .97730 | .06580- |
| 20 | 61 | .68872 | .95703 | .12455- |
| 20 | 62 | .63216 | .87843 | .35240- |
| 20 | 63 | .55834 | .77586 | .64976- |
| 20 | 64 | .52935 | .73557 | .76655- |
| 20 | 65 | .53255 | .74002 | .75365- |
| 20 | 66 | .70793 | .98373 | .04717- |
| 20 | 67 | .68730 | .95506 | .13029- |
| 20 | 68 | .62860 | .87349 | .36673- |
| 20 | 69 | .56324 | .78267 | .63002- |
| 20 | 70 | .53831 | .74803 | .73044- |
| 20 | 71 | .54419 | .75619 | .70677- |
| 20 | 72 | .68754 | .95539 | .12933- |
| 20 | 73 | .63358 | .88041 | .34668- |
| 20 | 74 | .57482 | .79875 | .58339- |
| 20 | 75 | .55309 | .76856 | .67091- |
| 20 | 76 | .56324 | .78267 | .63002- |
| 20 | 77 | .58853 | .81781 | .52816- |
| 20 | 78 | .57677 | .80147 | .57550- |
| 20 | 79 | .59244 | .82325 | .51238- |
| 20 | 81 | .68789 | .95588 | .12790- |
| 20 | 82 | .71994 | 1.00042 | .00122 |
| 20 | 83 | .81325 | 1.13008 | .57709 |
| 20 | 84 | .72173 | 1.00289 | .00839 |
| 20 | 85 | .72511 | 1.00760 | .02202 |
| 20 | 86 | .73170 | 1.01675 | .0+856 |

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| | | | | |
|----|----|--------|---------|---------|
| 20 | 1 | .61400 | .85321 | .42554- |
| 20 | 2 | .59658 | .82900 | .49571- |
| 20 | 3 | .60849 | .84555 | .44773- |
| 20 | 4 | .58376 | .81121 | .34727- |
| 20 | 5 | .57312 | .79639 | .59024- |
| 20 | 6 | .58574 | .81393 | .53939- |
| 20 | 7 | .63871 | .88754 | .32600- |
| 20 | 8 | .69453 | .96511 | .10115- |
| 20 | 9 | .56263 | .78182 | .63248- |
| 20 | 10 | .55641 | .77317 | .65755- |
| 20 | 11 | .56601 | .78651 | .61888- |
| 20 | 12 | .62396 | .86704 | .38544- |
| 20 | 13 | .69595 | .96708 | .09542- |
| 20 | 14 | .75355 | 1.04712 | .13659 |
| 20 | 15 | .54983 | .76403 | .68404- |
| 20 | 16 | .54450 | .75662 | .70552- |
| 20 | 17 | .55570 | .77218 | .66041- |
| 20 | 18 | .61614 | .85617 | .41694- |
| 20 | 19 | .69613 | .96733 | .09471- |
| 20 | 20 | .77435 | 1.07602 | .22037 |
| 20 | 21 | .53970 | .74995 | .72486- |
| 20 | 22 | .53543 | .74402 | .74204- |
| 20 | 23 | .54894 | .76280 | .68762- |
| 20 | 24 | .60778 | .84456 | .45060- |
| 20 | 25 | .68831 | .95646 | .12621- |
| 20 | 26 | .77435 | 1.07602 | .22037 |
| 20 | 27 | .83017 | 1.15358 | .44522 |
| 20 | 28 | .53223 | .73958 | .75493- |
| 20 | 29 | .70360 | .97771 | .06463- |
| 20 | 30 | .69524 | .96610 | .09829- |
| 20 | 31 | .69506 | .96585 | .09900- |
| 20 | 32 | .69382 | .96412 | .10401 |
| 20 | 33 | .69489 | .96560 | .09972- |
| 20 | 34 | .69506 | .96585 | .09900- |
| 20 | 35 | .68196 | .94764 | .15178- |
| 20 | 36 | .65386 | .90859 | .26499- |
| 20 | 37 | .60957 | .84704 | .44340- |
| 20 | 38 | .56848 | .78995 | .60892- |
| 20 | 39 | .54376 | .75559 | .70851- |
| 20 | 40 | .52508 | .72964 | .78374- |
| 20 | 41 | .53397 | .74200 | .74792- |
| 20 | 42 | .54571 | .75831 | .70063- |
| 20 | 43 | .57115 | .79346 | .59817- |
| 20 | 44 | .60726 | .84383 | .45272- |
| 20 | 45 | .64425 | .89524 | .30368- |
| 20 | 46 | .68837 | .95654 | .12599- |

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| | | | | |
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| 19 | 47 | .69223 | 1.04376 | .10047 |
| 19 | 48 | .74069 | 1.11685 | .26816 |
| 19 | 49 | .70360 | 1.18157 | .41667 |
| 19 | 50 | .80882 | 1.21959 | .50391 |
| 19 | 51 | .79916 | 1.20502 | .47050 |
| 19 | 52 | .39109 | .58970 | .94156- |
| 19 | 53 | .54627 | .97448 | .05856- |
| 19 | 54 | .63751 | .96127 | .08888- |
| 19 | 55 | .63214 | .95318 | .1074.- |
| 19 | 56 | .57724 | .87040 | .29741- |
| 19 | 57 | .46101 | .65513 | .69962- |
| 19 | 58 | .39252 | .59166 | .93661- |
| 19 | 59 | .39323 | .59264 | .93414- |
| 19 | 60 | .64502 | .97259 | .66285- |
| 19 | 61 | .63035 | .95046 | .11363- |
| 19 | 62 | .56866 | .85746 | .32711- |
| 19 | 63 | .45725 | .68947 | .71261- |
| 19 | 64 | .39645 | .39779 | .92300- |
| 19 | 65 | .40182 | .60558 | .90444- |
| 19 | 66 | .64984 | .97957 | .04618- |
| 19 | 67 | .62785 | .94671 | .12229- |
| 19 | 68 | .56397 | .84586 | .35372- |
| 19 | 69 | .48045 | .65429 | .70155- |
| 19 | 70 | .41032 | .61871 | .67570- |
| 19 | 71 | .42071 | .63437 | .4327- |
| 19 | 72 | .62551 | .94318 | .13039- |
| 19 | 73 | .56088 | .84573 | .35402- |
| 19 | 74 | .47620 | .71805 | .64703- |
| 19 | 75 | .43467 | .65542 | .79075- |
| 19 | 76 | .45078 | .67972 | .73500- |
| 19 | 77 | .49625 | .74828 | .57765- |
| 19 | 78 | .46994 | .70860 | .66871- |
| 19 | 79 | .49142 | .74099 | .53438- |
| 19 | 80 | .60009 | .90485 | .21835- |
| 19 | 82 | .66704 | 1.00561 | .01393 |
| 19 | 83 | .77911 | 1.17479 | .40112 |
| 19 | 84 | .66124 | .99890 | .30711- |
| 19 | 85 | .67062 | 1.01121 | .02 72 |
| 19 | 86 | .67850 | 1.02305 | .05298 |

NAWORD Report 6699

| | | | | |
|----|----|--------|---------|---------|
| 21 | 1 | .38451 | .64961 | .61934- |
| 21 | 2 | .35535 | .60036 | .70640- |
| 21 | 3 | .41188 | .69587 | .53759- |
| 21 | 4 | .53847 | .57183 | .75683- |
| 21 | 5 | .33171 | .56042 | .77701- |
| 21 | 6 | .38984 | .65862 | .60341- |
| 21 | 7 | .48619 | .82140 | .31569- |
| 21 | 8 | .56796 | .95956 | .07149- |
| 21 | 9 | .33029 | .55801 | .78125- |
| 21 | 10 | .33456 | .56522 | .76851- |
| 21 | 11 | .31349 | .63099 | .65225- |
| 21 | 12 | .47637 | .80819 | .33904- |
| 21 | 13 | .58183 | .98298 | .03008- |
| 21 | 14 | .65151 | 1.10071 | .17802 |
| 21 | 15 | .33918 | .57303 | .75471- |
| 21 | 16 | .34327 | .57994 | .74250- |
| 21 | 17 | .36780 | .62138 | .66924- |
| 21 | 18 | .47481 | .80218 | .34966- |
| 21 | 19 | .58929 | .99559 | .00779- |
| 21 | 20 | .68671 | 1.16018 | .28313 |
| 21 | 21 | .34718 | .58654 | .73082- |
| 21 | 22 | .34967 | .59075 | .72339- |
| 21 | 23 | .36389 | .61478 | .63092- |
| 21 | 24 | .46930 | .79287 | .36612- |
| 21 | 25 | .58376 | .98628 | .02424- |
| 21 | 26 | .69204 | 1.16919 | .29905 |
| 21 | 27 | .75515 | 1.27580 | .48751 |
| 21 | 28 | .35020 | .59165 | .72180- |
| 21 | 29 | .55445 | .93673 | .11184- |
| 21 | 30 | .53988 | .91210 | .15537- |
| 21 | 31 | .53348 | .90129 | .17448- |
| 21 | 32 | .52850 | .89288 | .18934- |
| 21 | 33 | .52690 | .89018 | .19412- |
| 21 | 34 | .52494 | .88688 | .19996- |
| 21 | 35 | .52010 | .87869 | .21443- |
| 21 | 36 | .50978 | .86126 | .24523- |
| 21 | 37 | .49182 | .83091 | .29888- |
| 21 | 38 | .46211 | .78072 | .38759- |
| 21 | 39 | .41160 | .69533 | .53445- |
| 21 | 40 | .35290 | .59621 | .71373- |
| 21 | 41 | .33404 | .56436 | .77004- |
| 21 | 42 | .36482 | .61635 | .67815- |
| 21 | 43 | .41800 | .70620 | .51932- |
| 21 | 44 | .47527 | .80296 | .34828- |
| 21 | 45 | .52757 | .89131 | .19212- |
| 21 | 46 | .53822 | .99379 | .01098- |

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| | | | | |
|----|----|--------|---------|---------|
| 21 | 47 | .64585 | 1.09115 | .16112 |
| 21 | 48 | .69726 | 1.17800 | .31463 |
| 21 | 49 | .74137 | 1.25253 | .44636 |
| 21 | 50 | .76556 | 1.29340 | .51860 |
| 21 | 51 | .75062 | 1.16815 | .47398 |
| 21 | 52 | .35254 | .59561 | .71480- |
| 21 | 53 | .53789 | .90874 | .16131- |
| 21 | 54 | .52721 | .89071 | .19318- |
| 21 | 55 | .52259 | .86290 | .20699- |
| 21 | 56 | .50622 | .85525 | .25586- |
| 21 | 57 | .45642 | .77111 | .40459- |
| 21 | 58 | .35254 | .59561 | .71480- |
| 21 | 59 | .35005 | .59140 | .72223- |
| 21 | 60 | .52650 | .88951 | .19530- |
| 21 | 61 | .52117 | .88049 | .21124- |
| 21 | 62 | .50373 | .85104 | .26329- |
| 21 | 63 | .45180 | .76330 | .41840- |
| 21 | 64 | .34685 | .58599 | .73179- |
| 21 | 65 | .34187 | .57758 | .74667- |
| 21 | 66 | .53611 | .90574 | .16662- |
| 21 | 67 | .52366 | .88470 | .20380- |
| 21 | 68 | .50231 | .84864 | .26754- |
| 21 | 69 | .44340 | .74911 | .44347- |
| 21 | 70 | .33834 | .57161 | .75722- |
| 21 | 71 | .33478 | .56559 | .76786- |
| 21 | 72 | .54437 | .91969 | .14196- |
| 21 | 73 | .51035 | .86223 | .24353- |
| 21 | 74 | .43948 | .74249 | .45517- |
| 21 | 75 | .33656 | .56860 | .76254- |
| 21 | 76 | .34403 | .58124 | .74021- |
| 21 | 77 | .44251 | .74760 | .44613- |
| 21 | 78 | .36113 | .61012 | .68915- |
| 21 | 79 | .38748 | .65464 | .61045- |
| 21 | 81 | .49433 | .83515 | .29139- |
| 21 | 82 | .59975 | 1.01325 | .02343 |
| 21 | 83 | .73419 | 1.24039 | .42442 |
| 21 | 84 | .56698 | .95790 | .07442- |
| 21 | 85 | .60117 | 1.01566 | .02768 |
| 21 | 86 | .60758 | 1.02649 | .04682 |

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| | | | | |
|----|----|--------|---------|----------|
| 22 | 1 | .71391 | .90353 | .39591- |
| 22 | 2 | .70146 | .88778 | .46054- |
| 22 | 3 | .70982 | .89835 | .41714- |
| 22 | 4 | .69080 | .87428 | .51594- |
| 22 | 5 | .68458 | .86641 | .54825- |
| 22 | 6 | .69329 | .87743 | .50301- |
| 22 | 7 | .72955 | .92333 | .31466- |
| 22 | 8 | .77000 | .97462 | .10414- |
| 22 | 9 | .67764 | .85763 | .58426- |
| 22 | 10 | .67373 | .85268 | .60458- |
| 22 | 11 | .68013 | .86078 | .57134- |
| 22 | 12 | .71800 | .90870 | .37467- |
| 22 | 13 | .77008 | .97462 | .10414- |
| 22 | 14 | .81381 | 1.02997 | .12299 |
| 22 | 15 | .66964 | .84751 | .62581- |
| 22 | 16 | .66627 | .84323 | .64335- |
| 22 | 17 | .67302 | .85178 | .60827- |
| 22 | 18 | .71124 | .90015 | .40976- |
| 22 | 19 | .76866 | .97282 | .11153- |
| 22 | 20 | .82786 | 1.04774 | .19593 |
| 22 | 21 | .66271 | .83873 | .66182- |
| 22 | 22 | .66022 | .83558 | .67475- |
| 22 | 23 | .66698 | .84413 | .63966- |
| 22 | 24 | .70466 | .89183 | .44392- |
| 22 | 25 | .76190 | .96427 | .14661- |
| 22 | 26 | .82661 | 1.04617 | .16947 |
| 22 | 27 | .66999 | 1.10106 | .41476 |
| 22 | 28 | .65720 | .83176 | .69044- |
| 22 | 29 | .78146 | .98902 | .04505- |
| 22 | 30 | .77470 | .98047 | .08014- |
| 22 | 31 | .77613 | .98227 | .07275- |
| 22 | 32 | .77417 | .97980 | .08291- |
| 22 | 33 | .77399 | .97957 | .08383- |
| 22 | 34 | .77364 | .97912 | .08568- |
| 22 | 35 | .76023 | .96215 | .15533- |
| 22 | 36 | .73532 | .93063 | .28457- |
| 22 | 37 | .70242 | .88899 | .45559- |
| 22 | 38 | .67752 | .85747 | .58493- |
| 22 | 39 | .66435 | .84081 | .651.9- |
| 22 | 40 | .65333 | .82685 | .71057- |
| 22 | 41 | .65919 | .83428 | .68009- |
| 22 | 42 | .66506 | .84171 | .64960.. |
| 22 | 43 | .68143 | .86242 | .56460- |
| 22 | 44 | .70491 | .89214 | .44265- |
| 22 | 45 | .73052 | .92456 | .30962- |
| 22 | 46 | .76183 | .96418 | .14702- |

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| 22 | 47 | .79580 | 1.00717 | .02944 |
| 22 | 48 | .82711 | 1.04679 | .19204 |
| 22 | 49 | .85574 | 1.08304 | .34078 |
| 22 | 50 | .87442 | 1.10668 | .43779 |
| 22 | 51 | .87211 | 1.10375 | .42578 |
| 22 | 52 | .65333 | .82685 | .71057- |
| 22 | 53 | .78264 | .99051 | .03893- |
| 22 | 54 | .77712 | .98354 | .06757- |
| 22 | 55 | .77019 | .97476 | .10360- |
| 22 | 56 | .72341 | .91555 | .34657- |
| 22 | 57 | .67360 | .85252 | .60525- |
| 22 | 58 | .65404 | .82776 | .70688- |
| 22 | 59 | .65546 | .82956 | .69949- |
| 22 | 60 | .78139 | .98894 | .04539- |
| 22 | 61 | .76894 | .97318 | .11006- |
| 22 | 62 | .72109 | .91262 | .35858- |
| 22 | 63 | .67378 | .85274 | .60433- |
| 22 | 64 | .65617 | .83046 | .69579- |
| 22 | 65 | .65955 | .83473 | .67824- |
| 22 | 66 | .78353 | .99164 | .03431- |
| 22 | 67 | .76663 | .97025 | .12207- |
| 22 | 68 | .72074 | .91217 | .36043- |
| 22 | 69 | .67471 | .85392 | .59948- |
| 22 | 70 | .66011 | .83544 | .67532- |
| 22 | 71 | .66439 | .84085 | .65312- |
| 22 | 72 | .76375 | .96661 | .13703- |
| 22 | 73 | .72244 | .91432 | .35161- |
| 22 | 74 | .68397 | .86564 | .55138- |
| 22 | 75 | .67062 | .84874 | .62075- |
| 22 | 76 | .67756 | .85753 | .58468- |
| 22 | 77 | .69430 | .87872 | .49774- |
| 22 | 78 | .68736 | .86993 | .53381- |
| 22 | 79 | .69947 | .88525 | .47092- |
| 22 | 81 | .77764 | .98419 | .06489- |
| 22 | 82 | .79064 | 1.00064 | .00263 |
| 22 | 83 | .65973 | 1.09808 | .36149 |
| 22 | 84 | .79509 | 1.00627 | .02575 |
| 22 | 85 | .79313 | 1.00380 | .01558 |
| 22 | 86 | .79972 | 1.01213 | .04980 |

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| 23 | 1 | .25085 | 1.02000 | .01159 |
| 23 | 2 | .20203 | .82149 | .10346- |
| 23 | 3 | .28032 | 1.13983 | .08104 |
| 23 | 4 | .18445 | .75002 | .14488- |
| 23 | 5 | .17842 | .72548 | .15910- |
| 23 | 6 | .27659 | 1.12467 | .07226 |
| 23 | 7 | .38879 | 1.58090 | .33667 |
| 23 | 8 | .36305 | 1.47622 | .27600 |
| 23 | 9 | .17451 | .70960 | .16831- |
| 23 | 10 | .17433 | .70888 | .16873- |
| 23 | 11 | .27091 | 1.10157 | .05887 |
| 23 | 12 | .41205 | 1.67546 | .39147 |
| 23 | 13 | .52158 | 2.12085 | .64961 |
| 23 | 14 | .39057 | 1.58811 | .34085 |
| 23 | 15 | .17274 | .70238 | .17249- |
| 23 | 16 | .17256 | .70166 | .17291- |
| 23 | 17 | .27020 | 1.09869 | .05720 |
| 23 | 18 | .40566 | 1.64947 | .37641 |
| 23 | 19 | .58052 | 2.36052 | .78851 |
| 23 | 20 | .57058 | 2.32009 | .76508 |
| 23 | 21 | .17398 | .70743 | .16956- |
| 23 | 22 | .17327 | .70455 | .17124- |
| 23 | 23 | .26594 | 1.08136 | .04715 |
| 23 | 24 | .39802 | 1.61843 | .35842 |
| 23 | 25 | .57165 | 2.32442 | .76759 |
| 23 | 26 | .69361 | 2.82035 | 1.05501 |
| 23 | 27 | .49140 | 1.99814 | .57849 |
| 23 | 28 | .17646 | .71754 | .16370- |
| 23 | 29 | .13510 | .54934 | .26119- |
| 23 | 30 | .12889 | .52408 | .27583- |
| 23 | 31 | .12853 | .52263 | .27666- |
| 23 | 32 | .12889 | .52408 | .27583- |
| 23 | 33 | .12942 | .52624 | .27457- |
| 23 | 34 | .12995 | .52841 | .27332- |
| 23 | 35 | .12967 | .52728 | .27397- |
| 23 | 36 | .12932 | .52384 | .27481- |
| 23 | 37 | .12825 | .52150 | .27732- |
| 23 | 38 | .11333 | .46083 | .312 9- |
| 23 | 39 | .14051 | .57134 | .24944- |
| 23 | 40 | .17302 | .70352 | .17103- |
| 23 | 41 | .21974 | .89349 | .06173- |
| 23 | 42 | .26859 | 1.09212 | .05339 |
| 23 | 43 | .33040 | 1.04348 | .19907 |
| 23 | 44 | .40661 | 1.65335 | .37866 |
| 23 | 45 | .48210 | 1.96033 | .55657 |
| 23 | 46 | .57696 | 2.34604 | .78012 |

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| 23 | 47 | .67395 | 2.74041 | 1.00868 |
| 23 | 48 | .72227 | 2.93688 | 1.12255 |
| 23 | 49 | .66045 | 2.68552 | .97687 |
| 23 | 50 | .53966 | 2.19435 | .69221 |
| 23 | 51 | .42491 | 1.72775 | .42178 |
| 23 | 52 | .17586 | .71508 | .16513- |
| 23 | 53 | .13021 | .52945 | .27272- |
| 23 | 54 | .12754 | .51861 | .27900- |
| 23 | 55 | .12861 | .52295 | .27648- |
| 23 | 56 | .12612 | .51283 | .28234- |
| 23 | 57 | .11973 | .48683 | .29741- |
| 23 | 58 | .17497 | .71147 | .16722- |
| 23 | 59 | .17550 | .71363 | .16597- |
| 23 | 60 | .12683 | .51572 | .28067- |
| 23 | 61 | .12648 | .51428 | .28151- |
| 23 | 62 | .12399 | .50417 | .28737- |
| 23 | 63 | .11084 | .45072 | .31835- |
| 23 | 64 | .17479 | .71075 | .16764- |
| 23 | 65 | .17657 | .71797 | .16346- |
| 23 | 66 | .12808 | .52076 | .27774- |
| 23 | 67 | .12612 | .51283 | .28234- |
| 23 | 68 | .12381 | .50344 | .28779- |
| 23 | 69 | .10990 | .44688 | .32057- |
| 23 | 70 | .17606 | .71588 | .16467- |
| 23 | 71 | .17801 | .72384 | .16006- |
| 23 | 72 | .13000 | .52860 | .27321- |
| 23 | 73 | .12235 | .49750 | .29123- |
| 23 | 74 | .11381 | .46279 | .31135- |
| 23 | 75 | .18050 | .73396 | .15419- |
| 23 | 76 | .18530 | .75348 | .14287- |
| 23 | 77 | .14654 | .59584 | .23423- |
| 23 | 78 | .19989 | .81278 | .10851- |
| 23 | 79 | .25502 | 1.03694 | .02141 |
| 23 | 81 | .26177 | 1.06442 | .03734 |
| 23 | 82 | .24346 | .98994 | .00583- |
| 23 | 83 | .46202 | 1.87865 | .50923 |
| 23 | 84 | .15507 | .63055 | .21412- |
| 23 | 85 | .26497 | 1.07744 | .0' 486 |
| 23 | 86 | .19242 | .78241 | .14611- |

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| | | | | |
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| 24 | 1 | .25123 | 1.02153 | .01248 |
| 24 | 2 | .20194 | .82112 | .10367- |
| 24 | 3 | .28013 | 1.13904 | .08058 |
| 24 | 4 | .18439 | .74975 | .14504- |
| 24 | 5 | .17836 | .72524 | .15924- |
| 24 | 6 | .27693 | 1.12607 | .07306 |
| 24 | 7 | .38898 | 1.58168 | .33712 |
| 24 | 8 | .36310 | 1.47643 | .27612 |
| 24 | 9 | .17481 | .71082 | .16760- |
| 24 | 10 | .17464 | .71010 | .16802- |
| 24 | 11 | .27055 | 1.10011 | .05802 |
| 24 | 12 | .41292 | 1.67901 | .39353 |
| 24 | 13 | .52266 | 2.12525 | .65216 |
| 24 | 14 | .39076 | 1.58889 | .34130 |
| 24 | 15 | .17339 | .70505 | .17094- |
| 24 | 16 | .17393 | .70722 | .16969- |
| 24 | 17 | .27055 | 1.10011 | .05802 |
| 24 | 18 | .40636 | 1.65233 | .37807 |
| 24 | 19 | .58117 | 2.36315 | .79004 |
| 24 | 20 | .57160 | 2.32422 | .76747 |
| 24 | 21 | .17481 | .71082 | .16760- |
| 24 | 22 | .17357 | .70577 | .17092- |
| 24 | 23 | .26647 | 1.08353 | .04841 |
| 24 | 24 | .39820 | 1.61917 | .35885 |
| 24 | 25 | .57266 | 2.32855 | .76998 |
| 24 | 26 | .69358 | 2.82021 | 1.05493 |
| 24 | 27 | .49252 | 2.00270 | .58113 |
| 24 | 28 | .17659 | .71803 | .16342- |
| 24 | 29 | .13528 | .55006 | .26077- |
| 24 | 30 | .12872 | .52338 | .27623- |
| 24 | 31 | .12872 | .52338 | .27623- |
| 24 | 32 | .12836 | .52194 | .27707- |
| 24 | 33 | .12942 | .52627 | .27450- |
| 24 | 34 | .12978 | .52771 | .27372- |
| 24 | 35 | .12950 | .52658 | .27438- |
| 24 | 36 | .12915 | .52514 | .27521- |
| 24 | 37 | .12844 | .52225 | .27689- |
| 24 | 38 | .11336 | .46094 | .31242- |
| 24 | 39 | .14015 | .56986 | .7 929- |
| 24 | 40 | .17314 | .70403 | .17153- |
| 24 | 41 | .21980 | .89375 | .06158- |
| 24 | 42 | .26823 | 1.09067 | .05255 |
| 24 | 43 | .32996 | .34170 | .19804 |
| 24 | 44 | .40642 | 1.65260 | .37822 |
| 24 | 45 | .48200 | 1.95989 | .55632 |
| 24 | 46 | .57691 | 2.34581 | .77999 |

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| 24 | 47 | .67377 | 2.73967 | 1.00825 |
| 24 | 48 | .72231 | 2.93731 | 1.12280 |
| 24 | 49 | .66028 | 2.68484 | .97648 |
| 24 | 50 | .54143 | 2.20154 | .69637 |
| 24 | 51 | .42558 | 1.73050 | .42338 |
| 24 | 52 | .17563 | .71413 | .16568- |
| 24 | 53 | .13003 | .52875 | .27312- |
| 24 | 54 | .12791 | .52009 | .27814- |
| 24 | 55 | .12897 | .52442 | .27563- |
| 24 | 56 | .12666 | .51504 | .28107- |
| 24 | 57 | .12028 | .48907 | .29612- |
| 24 | 58 | .17545 | .71341 | .16610- |
| 24 | 59 | .17616 | .71629 | .16443- |
| 24 | 60 | .12684 | .51576 | .28065- |
| 24 | 61 | .12666 | .51504 | .28107- |
| 24 | 62 | .12436 | .50566 | .28650- |
| 24 | 63 | .11105 | .45156 | .31786- |
| 24 | 64 | .17474 | .71052 | .16777- |
| 24 | 65 | .17634 | .71702 | .16401- |
| 24 | 66 | .12808 | .52081 | .27772- |
| 24 | 67 | .12631 | .51360 | .28190- |
| 24 | 68 | .12471 | .50711 | .28567- |
| 24 | 69 | .10958 | .44557 | .32133- |
| 24 | 70 | .17547 | .71349 | .16605- |
| 24 | 71 | .17742 | .72143 | .16145- |
| 24 | 72 | .12876 | .52356 | .27613- |
| 24 | 73 | .12166 | .49467 | .29287- |
| 24 | 74 | .11278 | .45857 | .31380- |
| 24 | 75 | .18026 | .73299 | .15475- |
| 24 | 76 | .18453 | .75032 | .14471- |
| 24 | 77 | .14599 | .59361 | .23553- |
| 24 | 78 | .19927 | .81026 | .10997- |
| 24 | 79 | .25557 | 1.03918 | .02271 |
| 24 | 81 | .26178 | 1.06445 | .03736 |
| 24 | 82 | .24296 | .98791 | .00701- |
| 24 | 83 | .46087 | 1.87399 | .50653 |
| 24 | 84 | .15433 | .62755 | .21586- |
| 24 | 85 | .26391 | 1.07312 | .04238 |
| 24 | 86 | .19252 | .78281 | .2387- |

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| 28 | 1 | .22642 | .92066 | .04598- |
| 28 | 2 | .29014 | 1.17978 | .10420 |
| 28 | 3 | .20720 | .84249 | .09123- |
| 28 | 4 | .19794 | .80486 | .11310- |
| 28 | 5 | .30225 | 1.22900 | .13272 |
| 28 | 6 | .37025 | 1.50549 | .29296 |
| 28 | 7 | .19260 | .78314 | .12568- |
| 28 | 8 | .18815 | .76505 | .13617- |
| 28 | 9 | .29228 | 1.18847 | .10923 |
| 28 | 10 | .41368 | 1.68209 | .39532 |
| 28 | 11 | .43824 | 1.78198 | .45321 |
| 28 | 12 | .18868 | .76722 | .13491- |
| 28 | 13 | .18637 | .75781 | .14036- |
| 28 | 14 | .28569 | 1.16169 | .09371 |
| 28 | 15 | .42044 | 1.70960 | .41126 |
| 28 | 16 | .51033 | 2.07511 | .62310 |
| 28 | 17 | .40549 | 1.64880 | .37602 |
| 28 | 18 | .18708 | .76071 | .13869- |
| 28 | 19 | .15362 | .62463 | .21755- |
| 28 | 20 | .14596 | .59351 | .23559- |
| 28 | 21 | .14418 | .58627 | .23978- |
| 28 | 22 | .14276 | .58048 | .24314- |
| 28 | 23 | .13528 | .55008 | .26076- |
| 28 | 24 | .12674 | .51534 | .28089- |
| 28 | 25 | .11677 | .47481 | .30438- |
| 28 | 26 | .14650 | .59568 | .23433- |
| 28 | 27 | .18477 | .75130 | .14414- |
| 28 | 28 | .23746 | .96554 | .01997- |
| 28 | 29 | .28623 | 1.16386 | .09497 |
| 28 | 30 | .35618 | 1.44831 | .25982 |
| 28 | 31 | .42133 | 1.71322 | .41336 |
| 28 | 32 | .50268 | 2.04399 | .60506 |
| 28 | 33 | .53330 | 2.16848 | .67721 |
| 28 | 34 | .50944 | 2.07149 | .62100 |
| 28 | 35 | .44029 | 1.79029 | .45802 |
| 28 | 36 | .18612 | .75682 | .14094- |
| 28 | 37 | .14534 | .59097 | .23706- |
| 28 | 38 | .13875 | .56417 | .2259- |
| 28 | 39 | .13038 | .53013 | .22292- |
| 28 | 40 | .11720 | .47654 | .30338- |
| 28 | 41 | .18577 | .75537 | .14178- |
| 28 | 42 | .18559 | .75464 | .14220- |
| 28 | 43 | .13251 | .53882 | .26728- |
| 28 | 44 | .12272 | .49899 | .29037- |
| 28 | 45 | .11898 | .48378 | .29918- |
| 28 | 46 | .19004 | .77275 | .13171- |

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| | | | | |
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| 28 | 47 | .19360 | .78723 | .12331- |
| 28 | 48 | .1969 | .48668 | .29750- |
| 28 | 49 | .12931 | .52579 | .27484- |
| 28 | 50 | .20126 | .81838 | .10526- |
| 28 | 51 | .20981 | .85314 | .08512- |
| 28 | 52 | .19093 | .77637 | .12961- |
| 28 | 53 | .22905 | .93135 | .03978- |
| 28 | 81 | .24642 | 1.00200 | .00116 |
| 28 | 82 | .22871 | .93022 | .04044- |
| 28 | 83 | .38265 | 1.55593 | .32220 |
| 28 | 84 | .21201 | .66207 | .07994- |
| 28 | 85 | .22637 | .92007 | .04692- |
| 28 | 86 | .19454 | .79102 | .12112- |

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| | | | | |
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| 29 | 1 | .22606 | .91922 | .04682- |
| 29 | 2 | .28908 | 1.17544 | .10168 |
| 29 | 3 | .20613 | .83815 | .09380- |
| 29 | 4 | .19723 | .80196 | .11478- |
| 29 | 5 | .30118 | 1.22466 | .13020 |
| 29 | 6 | .36918 | 1.50115 | .29045 |
| 29 | 7 | .19153 | .77880 | .12820- |
| 29 | 8 | .18797 | .76433 | .13659- |
| 29 | 9 | .29068 | 1.18195 | .10545 |
| 29 | 10 | .41243 | 1.67703 | .39238 |
| 29 | 11 | .43717 | 1.77763 | .45069 |
| 29 | 12 | .18815 | .76505 | .13617- |
| 29 | 13 | .18637 | .75781 | .14036- |
| 29 | 14 | .28463 | 1.15734 | .09119 |
| 29 | 15 | .41973 | 1.70670 | .40958 |
| 29 | 16 | .50909 | 2.07005 | .62016 |
| 29 | 17 | .40442 | 1.64446 | .37351 |
| 29 | 18 | .18761 | .76288 | .13743- |
| 29 | 19 | .15308 | .62246 | .21881- |
| 29 | 20 | .14578 | .59279 | .23601- |
| 29 | 21 | .14365 | .58410 | .24104- |
| 29 | 22 | .14222 | .57831 | .24440- |
| 29 | 23 | .13493 | .54863 | .26160- |
| 29 | 24 | .12638 | .51389 | .28173- |
| 29 | 25 | .11713 | .47626 | .30354- |
| 29 | 26 | .14650 | .59568 | .23433- |
| 29 | 27 | .18423 | .74913 | .14540- |
| 29 | 28 | .23674 | .96264 | .02165- |
| 29 | 29 | .28587 | 1.16241 | .09413 |
| 29 | 30 | .35601 | 1.44759 | .25941 |
| 29 | 31 | .42044 | 1.70960 | .41126 |
| 29 | 32 | .50179 | 2.04037 | .60296 |
| 29 | 33 | .53205 | 2.16342 | .67428 |
| 29 | 34 | .50820 | 2.06643 | .61807 |
| 29 | 35 | .43886 | 1.78449 | .45466 |
| 29 | 36 | .18577 | .75537 | .14178- |
| 29 | 37 | .14462 | .58807 | .23874- |
| 29 | 38 | .13821 | .56200 | .25385- |
| 29 | 39 | .13038 | .53013 | .272 2- |
| 29 | 40 | .11755 | .47799 | .30254- |
| 29 | 41 | .18577 | .75537 | .14178- |
| 29 | 42 | .18559 | .75464 | .14220- |
| 29 | 43 | .13251 | .53882 | .26728- |
| 29 | 44 | .12254 | .49827 | .29079- |
| 29 | 45 | .11844 | .48161 | .30044- |
| 29 | 46 | .18880 | .76768 | .13465- |

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| | | | | |
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| 29 | 47 | .19271 | .78361 | .12541- |
| 29 | 48 | .11969 | .48668 | .29750- |
| 29 | 49 | .12931 | .52579 | .27484- |
| 29 | 50 | .20055 | .81548 | .10694- |
| 29 | 51 | .20946 | .85169 | .08596- |
| 29 | 52 | .19004 | .77275 | .13171- |
| 29 | 53 | .22851 | .92918 | .04104- |
| 29 | 81 | .24553 | .99838 | .00094- |
| 29 | 82 | .22824 | .92805 | .04170- |
| 29 | 83 | .38229 | 1.55448 | .32136 |
| 29 | 84 | .10999 | .05119 | .00024- |
| 29 | 85 | .22449 | .91202 | .09092- |
| 29 | 86 | .21896 | .89055 | .06955- |

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| 32 | 1 | .22804 | .92726 | .04216- |
| 32 | 2 | .28908 | 1.17545 | .10169 |
| 32 | 3 | .20776 | .84479 | .08996- |
| 32 | 4 | .19695 | .80085 | .11542- |
| 32 | 5 | .29894 | 1.21553 | .12492 |
| 32 | 6 | .36945 | 1.50227 | .29110 |
| 32 | 7 | .19089 | .77618 | .12972- |
| 32 | 8 | .18672 | .75923 | .13954- |
| 32 | 9 | .29098 | 1.18316 | .10615 |
| 32 | 10 | .41248 | 1.67724 | .39250 |
| 32 | 11 | .43618 | 1.77359 | .44834 |
| 32 | 12 | .18691 | .76000 | .13910- |
| 32 | 13 | .18691 | .76000 | .13910- |
| 32 | 14 | .28567 | 1.16158 | .09365 |
| 32 | 15 | .41988 | 1.70730 | .40993 |
| 32 | 16 | .50840 | 2.06726 | .61855 |
| 32 | 17 | .40282 | 1.63793 | .36972 |
| 32 | 18 | .18387 | .74767 | .14624- |
| 32 | 19 | .15184 | .61740 | .22174- |
| 32 | 20 | .14388 | .58503 | .24050- |
| 32 | 21 | .14274 | .58040 | .24318- |
| 32 | 22 | .14065 | .57193 | .24810- |
| 32 | 23 | .13402 | .54495 | .26373- |
| 32 | 24 | .12606 | .51257 | .28249- |
| 32 | 25 | .11525 | .6864 | .30796- |
| 32 | 26 | .14312 | .58195 | .24229- |
| 32 | 27 | .18255 | .74227 | .14937- |
| 32 | 28 | .23543 | .95732 | .02474- |
| 32 | 29 | .28453 | 1.15695 | .09097 |
| 32 | 30 | .35334 | 1.43675 | .25313 |
| 32 | 31 | .41988 | 1.70730 | .40993 |
| 32 | 32 | .50063 | 2.03565 | .60023 |
| 32 | 33 | .53058 | 2.15744 | .67081 |
| 32 | 34 | .50594 | 2.05724 | .61274 |
| 32 | 35 | .43930 | 1.78628 | .45570 |
| 32 | 36 | .18532 | .75354 | .14284- |
| 32 | 37 | .14378 | .58463 | .24074- |
| 32 | 38 | .13771 | .55995 | .25504- |
| 32 | 39 | .13069 | .53141 | .27158- |
| 32 | 40 | .11703 | .47583 | .30376- |
| 32 | 41 | .18702 | .76048 | .13882- |
| 32 | 42 | .18551 | .75431 | .14239- |
| 32 | 43 | .13126 | .53372 | .27024- |
| 32 | 44 | .12443 | .50596 | .28633- |
| 32 | 45 | .11760 | .47819 | .30242- |
| 32 | 46 | .18949 | .77051 | .13901- |

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|----|----|--------|---------|---------|
| 32 | 47 | .19328 | .78593 | .12407- |
| 32 | 48 | .12102 | .49207 | .29438- |
| 32 | 49 | .12898 | .52447 | .27560- |
| 32 | 50 | .20049 | .81524 | .10708- |
| 32 | 51 | .21036 | .85535 | .08384- |
| 32 | 52 | .19082 | .77590 | .12988- |
| 32 | 53 | .23027 | .93633 | .03690- |
| 32 | 81 | .24419 | .99291 | .00411- |
| 32 | 82 | .22748 | .92496 | .04349- |
| 32 | 83 | .38090 | 1.54881 | .31807 |
| 32 | 84 | .19045 | .77441 | .13075- |
| 32 | 85 | .04899 | .19920 | .46412- |
| 32 | 86 | .19406 | .78907 | .12225- |

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| | | | | |
|----|----|--------|---------|----------|
| 33 | 1 | .22634 | .92032 | .04618- |
| 33 | 2 | .28813 | 1.17160 | .09945 |
| 33 | 3 | .20586 | .83708 | .09442- |
| 33 | 4 | .19563 | .79545 | .11855- |
| 33 | 5 | .29837 | 1.21322 | .12358 |
| 33 | 6 | .36737 | 1.49379 | .28618 |
| 33 | 7 | .18994 | .77233 | .13195- |
| 33 | 8 | .18539 | .75383 | .14267- |
| 33 | 9 | .29079 | 1.18239 | .10571 |
| 33 | 10 | .41173 | 1.67415 | .39072 |
| 33 | 11 | .43561 | 1.77127 | .44700 |
| 33 | 12 | .18577 | .75537 | .14178- |
| 33 | 13 | .18520 | .75306 | .14312- |
| 33 | 14 | .28472 | 1.15773 | .09141 |
| 33 | 15 | .41741 | 1.69728 | .40412 |
| 33 | 16 | .50859 | 2.06803 | .61899 |
| 33 | 17 | .40206 | 1.63484 | .36793 |
| 33 | 18 | .18312 | .74458 | .14803- |
| 33 | 19 | .15165 | .61663 | .22219- |
| 33 | 20 | .14445 | .58734 | .22216- |
| 33 | 21 | .14198 | .57732 | .24497- |
| 33 | 22 | .14065 | .57193 | .24810- |
| 33 | 23 | .13402 | .54495 | .26373- |
| 33 | 24 | .12701 | .51643 | .28026- |
| 33 | 25 | .11525 | .46864 | .30794- |
| 33 | 26 | .14350 | .58349 | .24140- |
| 33 | 27 | .18198 | .73996 | .15071- |
| 33 | 28 | .23506 | .95578 | .02563- |
| 33 | 29 | .28491 | 1.15850 | .09186 |
| 33 | 30 | .35372 | 1.43829 | .25402 |
| 33 | 31 | .42120 | 1.71269 | .41305 |
| 33 | 32 | .50063 | 2.03565 | .60023 |
| 33 | 33 | .53267 | 2.16592 | .67573 |
| 33 | 34 | .50575 | 2.05647 | .61229 |
| 33 | 35 | .43702 | 1.77702 | .49033 |
| 33 | 36 | .18380 | .74737 | .14642- |
| 33 | 37 | .14283 | .38077 | .24297- |
| 33 | 38 | .13638 | .55455 | .25817- |
| 33 | 39 | .12860 | .52293 | .27690- |
| 33 | 40 | .11552 | .46971 | .301.34- |
| 33 | 41 | .18399 | .74814 | .14597- |
| 33 | 42 | .18399 | .74814 | .14597- |
| 33 | 43 | .13088 | .53218 | .27113- |
| 33 | 44 | .12215 | .49670 | .29169- |
| 33 | 45 | .11703 | .47588 | .30376- |
| 33 | 46 | .18797 | .76434 | .13658- |

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| | | | | |
|----|----|--------|---------|---------|
| 33 | 47 | .19234 | .78207 | .12630- |
| 33 | 48 | .11893 | .48359 | .29929- |
| 33 | 49 | .12803 | .52061 | .27784- |
| 33 | 50 | .19916 | .80984 | .11021- |
| 33 | 51 | .20865 | .84840 | .08786- |
| 33 | 52 | .18873 | .76742 | .13480- |
| 33 | 53 | .22838 | .92862 | .04137- |
| 33 | 81 | .24400 | .99213 | .00456- |
| 33 | 82 | .22729 | .92419 | .04391- |
| 33 | 83 | .38090 | 1.54881 | .31807 |
| 33 | 84 | .18912 | .76900 | .13388- |
| 33 | 85 | .04705 | .19457 | .46000- |
| 33 | 86 | .19292 | .78444 | .12493- |

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| | | | | |
|----|----|--------|---------|---------|
| 34 | 1 | .14463 | .78183 | .10062- |
| 34 | 2 | .19423 | 1.04995 | .02304 |
| 34 | 3 | .13630 | .73681 | .12138- |
| 34 | 4 | .13214 | .71429 | .13176- |
| 34 | 5 | .21127 | 1.14205 | .06551 |
| 34 | 6 | .27293 | 1.47566 | .21937 |
| 34 | 7 | .12987 | .70201 | .13743- |
| 34 | 8 | .12740 | .68871 | .14356- |
| 34 | 9 | .20938 | 1.13182 | .06079 |
| 34 | 10 | .30819 | 1.66600 | .30715 |
| 34 | 11 | .35287 | 1.90751 | .41853 |
| 34 | 12 | .12816 | .69280 | .14167- |
| 34 | 13 | .12759 | .68973 | .14309- |
| 34 | 14 | .20635 | 1.11544 | .05324 |
| 34 | 15 | .31615 | 1.70898 | .32697 |
| 34 | 16 | .41194 | 2.22679 | .56578 |
| 34 | 17 | .33015 | 1.78471 | .36190 |
| 34 | 18 | .12722 | .68769 | .14403- |
| 34 | 19 | .08632 | .46664 | .24598- |
| 34 | 20 | .08367 | .45232 | .25258- |
| 34 | 21 | .08254 | .44618 | .25542- |
| 34 | 22 | .08424 | .45539 | .25117- |
| 34 | 23 | .08386 | .45334 | .25211- |
| 34 | 24 | .08292 | .44822 | .25447- |
| 34 | 25 | .07534 | .40729 | .27335- |
| 34 | 26 | .09465 | .51167 | .22521- |
| 34 | 27 | .12494 | .67541 | .14970- |
| 34 | 28 | .16564 | .89543 | .04823- |
| 34 | 29 | .20502 | 1.10828 | .04994 |
| 34 | 30 | .26162 | 1.41426 | .13105 |
| 34 | 31 | .31766 | 1.71717 | .33075 |
| 34 | 32 | .38941 | 2.10502 | .50962 |
| 34 | 33 | .43087 | 2.32913 | .61298 |
| 34 | 34 | .42708 | 2.30866 | .60354 |
| 34 | 35 | .36598 | 1.97835 | .45120 |
| 34 | 36 | .12502 | .67583 | .14950- |
| 34 | 37 | .08259 | .44646 | .25529- |
| 34 | 38 | .07918 | .42803 | .26379- |
| 34 | 39 | .08145 | .44032 | .25812- |
| 34 | 40 | .07463 | .40345 | .2512- |
| 34 | 41 | .12483 | .67481 | .14997- |
| 34 | 42 | .12578 | .67993 | .14761- |
| 34 | 43 | .07634 | .41267 | .27087- |
| 34 | 44 | .07880 | .42598 | .26473- |
| 34 | 45 | .07463 | .40345 | .27512- |
| 34 | 46 | .12843 | .69427 | .14100- |

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|----|----|---------------|---------------|----------------|
| 34 | 47 | .13146 | .71065 | .13344- |
| 34 | 48 | .07842 | .42393 | .26567- |
| 34 | 49 | .07556 | .43003 | .26284- |
| 34 | 50 | .13374 | .72294 | .12778- |
| 34 | 51 | .13412 | .72498 | .12683- |
| 34 | 52 | .11631 | .62873 | .17122- |
| 34 | 53 | .14359 | .77618 | .10322- |
| 34 | 81 | .17351 | .93794 | .02862- |
| 34 | 82 | .18337 | .99124 | .00404- |
| 34 | 83 | .30227 | 1.63396 | .29237 |
| 34 | 84 | .11245 | .60737 | .18085- |
| 34 | 85 | <u>.04709</u> | <u>.25422</u> | <u>.34395-</u> |
| 34 | 86 | .17616 | .95229 | .02200- |

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| | | | | |
|----|----|--------|---------|---------|
| 35 | 1 | .14406 | .77876 | .10203- |
| 35 | 2 | .19234 | 1.03972 | .01832 |
| 35 | 3 | .13592 | .73476 | .12232- |
| 35 | 4 | .13138 | .71020 | .13365- |
| 35 | 5 | .20881 | 1.12875 | .05938 |
| 35 | 6 | .27185 | 1.46952 | .21654 |
| 35 | 7 | .12835 | .69383 | .14120- |
| 35 | 8 | .12570 | .67950 | .14781- |
| 35 | 9 | .20938 | 1.13182 | .06079 |
| 35 | 10 | .30706 | 1.65986 | .30432 |
| 35 | 11 | .35249 | 1.90546 | .41759 |
| 35 | 12 | .12740 | .68871 | .14356- |
| 35 | 13 | .12665 | .68462 | .14542- |
| 35 | 14 | .20483 | 1.10726 | .04947 |
| 35 | 15 | .31539 | 1.70489 | .32509 |
| 35 | 16 | .41118 | 2.22270 | .56389 |
| 35 | 17 | .32940 | 1.78062 | .36001 |
| 35 | 18 | .12570 | .67950 | .14781- |
| 35 | 19 | .08405 | .45436 | .25164- |
| 35 | 20 | .08254 | .44618 | .25542- |
| 35 | 21 | .08159 | .44106 | .25778- |
| 35 | 22 | .08216 | .44413 | .25636- |
| 35 | 23 | .08216 | .44413 | .25636- |
| 35 | 24 | .08216 | .44413 | .25636- |
| 35 | 25 | .07421 | .40115 | .27618- |
| 35 | 26 | .09333 | .50451 | .22051- |
| 35 | 27 | .12438 | .67234 | .15111- |
| 35 | 28 | .16470 | .89031 | .05059- |
| 35 | 29 | .20407 | 1.10316 | .04758 |
| 35 | 30 | .25973 | 1.40403 | .18633 |
| 35 | 31 | .31709 | 1.71410 | .32933 |
| 35 | 32 | .38922 | 2.10399 | .50915 |
| 35 | 33 | .42973 | 2.32299 | .61014 |
| 35 | 34 | .42670 | 2.30662 | .60259 |
| 35 | 35 | .36692 | 1.98347 | .45356 |
| 35 | 36 | .12597 | .68095 | .147.4- |
| 35 | 37 | .08411 | .45465 | .25151- |
| 35 | 38 | .08013 | .43315 | .26142- |
| 35 | 39 | .08297 | .44851 | .27.34- |
| 35 | 40 | .07558 | .40857 | .27276- |
| 35 | 41 | .12616 | .68198 | .14667- |
| 35 | 42 | .12635 | .68300 | .14620- |
| 35 | 43 | .07729 | .41779 | .26851- |
| 35 | 44 | .07956 | .43008 | .26284- |
| 35 | 45 | .07501 | .40550 | .27418- |
| 35 | 46 | .12938 | .69939 | .13864- |

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|----|----|-------------------|-------------------|--------------------|
| 35 | 47 | .13203 | .71272 | .13203- |
| 35 | 48 | .07861 | .42496 | .26520- |
| 35 | 49 | .08013 | .43315 | .26142- |
| 35 | 50 | .13449 | .72703 | .12589- |
| 35 | 51 | .13563 | .73318 | .12306- |
| 35 | 52 | .11763 | .63590 | .16792- |
| 35 | 53 | .14359 | .77618 | .10322- |
| 35 | 81 | .17427 | .94204 | .02673- |
| 35 | 82 | .18318 | .99022 | .00451- |
| 35 | 83 | .30265 | 1.63601 | .29332 |
| 35 | 84 | .11169 | .60377 | .18274- |
| 35 | 85 | .05234 | .20292 | .99071- |
| 35 | 86 | .17578 | .95024 | .02295- |

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|----|----|--------|---------|----------|
| 38 | 1 | .30604 | .72311 | .28408- |
| 38 | 2 | .39054 | .92278 | .07923- |
| 38 | 3 | .28167 | .66555 | .34314- |
| 38 | 4 | .26493 | .62598 | .38374- |
| 38 | 5 | .38464 | .90884 | .09353- |
| 38 | 6 | .49464 | 1.16876 | .17314 |
| 38 | 7 | .25769 | .60889 | .40127- |
| 38 | 8 | .25027 | .59135 | .41927- |
| 38 | 9 | .36332 | .85847 | .14521- |
| 38 | 10 | .50016 | 1.18180 | .18652 |
| 38 | 11 | .60370 | 1.42644 | .43751 |
| 38 | 12 | .24894 | .58820 | .42250- |
| 38 | 13 | .24723 | .58415 | .42665- |
| 38 | 14 | .35533 | .83958 | .16459- |
| 38 | 15 | .49636 | 1.17281 | .17730 |
| 38 | 16 | .65128 | 1.53886 | .55286 |
| 38 | 17 | .58581 | 1.38416 | .39414 |
| 38 | 18 | .24551 | .58011 | .43080- |
| 38 | 19 | .25636 | .50574 | .40450- |
| 38 | 20 | .24799 | .58595 | .42480- |
| 38 | 21 | .24551 | .58011 | .43080- |
| 38 | 22 | .24475 | .57831 | .43265- |
| 38 | 23 | .23657 | .55897 | .45249- |
| 38 | 24 | .21069 | .49781 | .51523- |
| 38 | 25 | .18385 | .43441 | .58029- |
| 38 | 26 | .19774 | .46723 | .54661- |
| 38 | 27 | .24323 | .57471 | .43634- |
| 38 | 28 | .29976 | .70827 | .29931- |
| 38 | 29 | .35114 | .82969 | .17474- |
| 38 | 30 | .42251 | .99832 | .00172- |
| 38 | 31 | .49350 | 1.16506 | .17038 |
| 38 | 32 | .59475 | 1.40530 | .41583 |
| 38 | 33 | .66327 | 1.56719 | .58192 |
| 38 | 34 | .68554 | 1.61980 | .63591 |
| 38 | 35 | .62522 | 1.47728 | .48968 |
| 38 | 36 | .24662 | .58272 | .42812- |
| 38 | 37 | .24872 | .58767 | .42304- |
| 38 | 38 | .23938 | .56563 | .44566- |
| 38 | 39 | .22910 | .54133 | .47059- |
| 38 | 40 | .17978 | .42478 | .5. J16- |
| 38 | 41 | .24795 | .58587 | .42488- |
| 38 | 42 | .24853 | .58722 | .42350- |
| 38 | 43 | .23253 | .54943 | .46228- |
| 38 | 44 | .21310 | .50353 | .50937- |
| 38 | 45 | .17483 | .41308 | .60217- |
| 38 | 46 | .25424 | .60072 | .40965- |

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|----|----|--------|---------|---------|
| 38 | 47 | .26090 | .61647 | .39349- |
| 38 | 48 | .19520 | .46123 | .55277- |
| 38 | 49 | .19025 | .44953 | .56477- |
| 38 | 50 | .27100 | .64032 | .36902- |
| 38 | 51 | .28509 | .67362 | .33486- |
| 38 | 52 | .25253 | .59667 | .41380- |
| 38 | 53 | .30813 | .72807 | .27900- |
| 38 | 81 | .31952 | .75496 | .25140- |
| 38 | 82 | .44725 | 1.05677 | .05824 |
| 38 | 83 | .56868 | 1.34370 | .35263 |
| 38 | 84 | .29702 | .70181 | .30594- |
| 38 | 85 | .30979 | .73199 | .27497- |
| 38 | 86 | .42303 | .99956 | .00045- |

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| | | | | |
|----|----|--------|---------|---------|
| 39 | 1 | .30566 | .72221 | .28500- |
| 39 | 2 | .39130 | .92457 | .07738- |
| 39 | 3 | .26091 | .66375 | .34498- |
| 39 | 4 | .26531 | .62688 | .38282- |
| 39 | 5 | .38350 | .90614 | .09630- |
| 39 | 6 | .49445 | 1.16831 | .17268 |
| 39 | 7 | .25655 | .60619 | .40404- |
| 39 | 8 | .25084 | .59270 | .41788- |
| 39 | 9 | .37322 | .88185 | .12122- |
| 39 | 10 | .50016 | 1.18180 | .18652 |
| 39 | 11 | .60294 | 1.42464 | .43567 |
| 39 | 12 | .24951 | .58955 | .42111- |
| 39 | 13 | .24704 | .58371 | .42711- |
| 39 | 14 | .35476 | .88283 | .16597- |
| 39 | 15 | .50340 | 1.18945 | .19437 |
| 39 | 16 | .65033 | 1.53661 | .55055 |
| 39 | 17 | .58543 | 1.38326 | .39322 |
| 39 | 18 | .24704 | .58371 | .42711- |
| 39 | 19 | .25560 | .60394 | .40635- |
| 39 | 20 | .24818 | .58640 | .42434- |
| 39 | 21 | .24589 | .58101 | .42988- |
| 39 | 22 | .24437 | .57741 | .43357- |
| 39 | 23 | .23562 | .55672 | .45479- |
| 39 | 24 | .21049 | .49736 | .51569- |
| 39 | 25 | .18537 | .43800 | .57660- |
| 39 | 26 | .19946 | .47128 | .54245- |
| 39 | 27 | .24342 | .57516 | .43588- |
| 39 | 28 | .30052 | .71007 | .29746- |
| 39 | 29 | .35171 | .83104 | .17335- |
| 39 | 30 | .42289 | .99922 | .00080- |
| 39 | 31 | .49426 | 1.16786 | .17222 |
| 39 | 32 | .59304 | 1.40125 | .41168 |
| 39 | 33 | .66365 | 1.56809 | .58285 |
| 39 | 34 | .68554 | 1.61980 | .63591 |
| 39 | 35 | .62312 | 1.47234 | .48451 |
| 39 | 36 | .24376 | .57597 | .43504- |
| 39 | 37 | .24757 | .58497 | .42581- |
| 39 | 38 | .23786 | .56203 | .44935- |
| 39 | 39 | .22720 | .53683 | .475.1- |
| 39 | 40 | .18035 | .42613 | .58878- |
| 39 | 41 | .24814 | .58632 | .42442- |
| 39 | 42 | .24681 | .58317 | .42765- |
| 39 | 43 | .23062 | .54493 | .46690- |
| 39 | 44 | .21158 | .49993 | .51306- |
| 39 | 45 | .17235 | .40723 | .60817- |
| 39 | 46 | .25157 | .59442 | .41611- |

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| | | | | |
|----|----|--------|---------|---------|
| 39 | 47 | .25976 | .61377 | .39626- |
| 39 | 48 | .19387 | .45808 | .55600- |
| 39 | 49 | .18854 | .44548 | .56892~ |
| 39 | 50 | .26966 | .63717 | .37225- |
| 39 | 51 | .28414 | .67137 | .33717- |
| 39 | 52 | .25081 | .59262 | .41796- |
| 39 | 53 | .30680 | .72492 | .28223- |
| 39 | 81 | .31675 | .75316 | .25325- |
| 39 | 82 | .44534 | 1.05226 | .05362 |
| 39 | 83 | .56849 | 1.34325 | .35217 |
| 39 | 84 | .29702 | .70181 | .30594- |
| 39 | 85 | .30846 | .72883 | .27821- |
| 39 | 86 | .41789 | .98740 | .01293- |

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| | | | | |
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| 41 | 1 | .41908 | .70572 | .52367- |
| 41 | 2 | .46634 | .78530 | .38204- |
| 41 | 3 | .39182 | .65982 | .60533- |
| 41 | 4 | .36648 | .61714 | .68128- |
| 41 | 5 | .44309 | .74615 | .45171- |
| 41 | 6 | .53800 | .90597 | .16732- |
| 41 | 7 | .35218 | .59307 | .72411- |
| 41 | 8 | .33903 | .57093 | .76352- |
| 41 | 9 | .42327 | .71278 | .51110- |
| 41 | 10 | .52313 | .88094 | .21186- |
| 41 | 11 | .64033 | 1.07831 | .13935 |
| 41 | 12 | .33541 | .56483 | .77437- |
| 41 | 13 | .33236 | .55969 | .78350- |
| 41 | 14 | .41469 | .69833 | .53680- |
| 41 | 15 | .52180 | .87869 | .21586- |
| 41 | 16 | .64300 | 1.08280 | .14734 |
| 41 | 17 | .72266 | .21695 | .38605 |
| 41 | 18 | .33084 | .55713 | .78807- |
| 41 | 19 | .59803 | 1.00706 | .01257 |
| 41 | 20 | .59117 | .99551 | .00799- |
| 41 | 21 | .58697 | .98845 | .02055- |
| 41 | 22 | .57935 | .97561 | .04339- |
| 41 | 23 | .55496 | .93454 | .11649- |
| 41 | 24 | .52141 | .87805 | .21700- |
| 41 | 25 | .45891 | .77279 | .40431- |
| 41 | 26 | .36857 | .62067 | .67500- |
| 41 | 27 | .32779 | .55199 | .79721- |
| 41 | 28 | .37200 | .62645 | .66472- |
| 41 | 29 | .41488 | .69865 | .53623- |
| 41 | 30 | .47072 | .79269 | .36891- |
| 41 | 31 | .52294 | .88062 | .21243- |
| 41 | 32 | .59193 | .99679 | .00570- |
| 41 | 33 | .64453 | 1.08537 | .15191 |
| 41 | 34 | .70341 | 1.18454 | .32837 |
| 41 | 35 | .73342 | 1.23506 | .41828 |
| 41 | 36 | .33105 | .55748 | .78745- |
| 41 | 37 | .59306 | .99871 | .00230- |
| 41 | 38 | .58181 | .97976 | .03601- |
| 41 | 39 | .55187 | .92935 | .1573- |
| 41 | 40 | .44833 | .75497 | .43601- |
| 41 | 41 | .33372 | .56197 | .77945- |
| 41 | 42 | .33467 | .56358 | .77659- |
| 41 | 43 | .58353 | .78265 | .03087- |
| 41 | 44 | .54654 | .92035 | .14173- |
| 41 | 45 | .44661 | .75208 | .44116- |
| 41 | 46 | .33982 | .57225 | .76116- |

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| | | | | |
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| 41 | 47 | .35183 | .59248 | .72516- |
| 41 | 48 | .54615 | .91971 | .14287- |
| 41 | 49 | .45595 | .76782 | .41316- |
| 41 | 50 | .36595 | .61625 | .68287- |
| 41 | 51 | .38902 | .65510 | .61373- |
| 41 | 52 | .47941 | .80732 | .34287- |
| 41 | 53 | .41572 | .70006 | .53373- |
| 41 | 81 | .49480 | .83324 | .29674- |
| 41 | 82 | .60209 | 1.01391 | .02474 |
| 41 | 83 | .71586 | 1.20550 | .36568 |
| 41 | 84 | .61354 | 1.03319 | .05907 |
| 41 | 85 | .60018 | 1.01069 | .01902 |
| 41 | 86 | .61221 | 1.03094 | .05506 |

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| | | | | |
|----|----|--------|---------|---------|
| 42 | 1 | .54356 | .52123 | .40818- |
| 42 | 2 | .56221 | .64941 | .34384- |
| 42 | 3 | .52433 | .79218 | .47449- |
| 42 | 4 | .50854 | .76832 | .52898- |
| 42 | 5 | .53747 | .81203 | .42919- |
| 42 | 6 | .60788 | .91842 | .18627- |
| 42 | 7 | .49712 | .75107 | .56837- |
| 42 | 8 | .48570 | .73381 | .60776- |
| 42 | 9 | .51501 | .77810 | .50666- |
| 42 | 10 | .59076 | .89254 | .24536- |
| 42 | 11 | .69201 | 1.04551 | .10391 |
| 42 | 12 | .47923 | .72404 | .63008- |
| 42 | 13 | .47390 | .71599 | .64846- |
| 42 | 14 | .50359 | .76084 | .54605- |
| 42 | 15 | .58600 | .88535 | .26177- |
| 42 | 16 | .69125 | 1.04436 | .10129 |
| 42 | 17 | .76604 | 1.15737 | .35930 |
| 42 | 18 | .47028 | .71052 | .66094- |
| 42 | 19 | .65908 | .99577 | .00967- |
| 42 | 20 | .65470 | .98915 | .02477- |
| 42 | 21 | .65280 | .98628 | .03133- |
| 42 | 22 | .65147 | .98426 | .03593- |
| 42 | 23 | .63110 | .95350 | .10618- |
| 42 | 24 | .59285 | .89570 | .23814- |
| 42 | 25 | .53861 | .81375 | .42525- |
| 42 | 26 | .49331 | .74531 | .58150- |
| 42 | 27 | .46743 | .70621 | .67079- |
| 42 | 28 | .47847 | .72269 | .63271- |
| 42 | 29 | .50378 | .76113 | .54539- |
| 42 | 30 | .54318 | .82065 | .40949- |
| 42 | 31 | .58581 | .88506 | .26243- |
| 42 | 32 | .64367 | .97248 | .06285- |
| 42 | 33 | .69182 | 1.04522 | .10326 |
| 42 | 34 | .74358 | 1.12344 | .28183 |
| 42 | 35 | .77586 | 1.17220 | .39316 |
| 42 | 36 | .46849 | .70781 | .55714- |
| 42 | 37 | .66312 | 1.00186 | .00425 |
| 42 | 38 | .65169 | .98460 | .03516- |
| 42 | 39 | .61817 | .93396 | .15779- |
| 42 | 40 | .52752 | .79700 | .46349- |
| 42 | 41 | .47115 | .71183 | .65794- |
| 42 | 42 | .47534 | .71816 | .54349- |
| 42 | 43 | .65493 | .8949 | .02400- |
| 42 | 44 | .60713 | .91727 | .10889- |
| 42 | 45 | .52752 | .79700 | .46349- |
| 42 | 46 | .48029 | .72565 | .62641- |

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| | | | | |
|----|----|--------|---------|---------|
| 42 | 47 | .49058 | .74118 | .59093- |
| 42 | 48 | .60327 | .91900 | .18495- |
| 42 | 49 | .54123 | .81772 | .41619- |
| 42 | 50 | .50238 | .75902 | .55020- |
| 42 | 51 | .51857 | .78348 | .49436- |
| 42 | 52 | .56866 | .85915 | .32159- |
| 42 | 53 | .53533 | .80880 | .43655- |
| 42 | 81 | .59766 | .90297 | .22154- |
| 42 | 82 | .66820 | 1.00954 | .02179 |
| 42 | 83 | .76276 | 1.15240 | .34797 |
| 42 | 84 | .67640 | 1.02193 | .05006 |
| 42 | 85 | .66477 | 1.00436 | .00995 |
| 42 | 86 | .68116 | 1.02913 | .06651 |

NAVORD Report 6699

| | | | | |
|----|----|--------|---------|---------|
| 43 | 1 | .63301 | .87492 | .36886- |
| 43 | 2 | .64633 | .89334 | .31456- |
| 43 | 3 | .61816 | .85441 | .42937- |
| 43 | 4 | .60560 | .83704 | .48057- |
| 43 | 5 | .62692 | .86651 | .39368- |
| 43 | 6 | .67887 | .93832 | .18190- |
| 43 | 7 | .59837 | .82705 | .51005- |
| 43 | 8 | .59057 | .81626 | .54186- |
| 43 | 9 | .60827 | .84073 | .46971- |
| 43 | 10 | .66251 | .91570 | .24861- |
| 43 | 11 | .74492 | 1.02960 | .08729 |
| 43 | 12 | .58657 | .81074 | .55815- |
| 43 | 13 | .58200 | .80442 | .57677- |
| 43 | 14 | .59913 | .82810 | .50695- |
| 43 | 15 | .55813 | .90965 | .26646- |
| 43 | 16 | .74263 | 1.02644 | .07798 |
| 43 | 17 | .80791 | 1.11667 | .3407 |
| 43 | 18 | .58048 | .80232 | .58297- |
| 43 | 19 | .72208 | .99803 | .00580- |
| 43 | 20 | .71903 | .99382 | .01821- |
| 43 | 21 | .71637 | .99014 | .02907- |
| 43 | 22 | .71561 | .98909 | .03218- |
| 43 | 23 | .69562 | .96147 | .11363- |
| 43 | 24 | .66156 | .91438 | .25249- |
| 43 | 25 | .62083 | .85809 | .41851- |
| 43 | 26 | .59285 | .81942 | .53255- |
| 43 | 27 | .57819 | .79916 | .59228- |
| 43 | 28 | .58467 | .80811 | .56590- |
| 43 | 29 | .59799 | .82652 | .51160- |
| 43 | 30 | .62501 | .86383 | .40144- |
| 43 | 31 | .65775 | .90912 | .26801- |
| 43 | 32 | .70419 | .97331 | .07872- |
| 43 | 33 | .74301 | 1.02697 | .07954 |
| 43 | 34 | .72831 | 1.08958 | .26417 |
| 43 | 35 | .61318 | 1.12396 | .35556 |
| 43 | 36 | .57780 | .79862 | .59390- |
| 43 | 37 | .72425 | 1.00103 | .00305 |
| 43 | 38 | .71492 | .98814 | .03499- |
| 43 | 39 | .68273 | .94365 | .1118- |
| 43 | 40 | .61322 | .84758 | .44951- |
| 43 | 41 | .57932 | .80072 | .58769- |
| 43 | 42 | .58161 | .80388 | .57837- |
| 43 | 43 | .71892 | .92366 | .01869- |
| 43 | 44 | .67397 | .93154 | .20188- |
| 43 | 45 | .61398 | .84863 | .44641- |
| 43 | 46 | .58542 | .80914 | .56285- |

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| | | | | |
|----|----|--------|---------|---------|
| 43 | 47 | .59341 | .82020 | .53024- |
| 43 | 48 | .67683 | .93549 | .19024- |
| 43 | 49 | .62528 | .86521 | .39750- |
| 43 | 50 | .60196 | .83205 | .49531- |
| 43 | 51 | .61322 | .84758 | .44951- |
| 43 | 52 | .65055 | .89917 | .29736- |
| 43 | 53 | .62731 | .86705 | .39207- |
| 43 | 81 | .69050 | .95439 | .13449- |
| 43 | 82 | .72615 | 1.00367 | .01082 |
| 43 | 83 | .80451 | 1.11197 | .33020 |
| 43 | 84 | .73607 | 1.01737 | .05123 |
| 43 | 85 | .72253 | .99866 | .00395- |
| 43 | 86 | .73893 | 1.02132 | .06288 |

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| | | | | |
|----|----|--------|---------|---------|
| 44 | 1 | .73235 | .92050 | .33643- |
| 44 | 2 | .74149 | .93199 | .28784- |
| 44 | 3 | .72170 | .90711 | .39313- |
| 44 | 4 | .71275 | .89586 | .44071- |
| 44 | 5 | .72741 | .91428 | .36276- |
| 44 | 6 | .76338 | .95950 | .17142- |
| 44 | 7 | .70837 | .89036 | .46400- |
| 44 | 8 | .70209 | .88247 | .49740- |
| 44 | 9 | .71351 | .89682 | .43666- |
| 44 | 10 | .75063 | .94347 | .23925- |
| 44 | 11 | .81039 | 1.01858 | .07864 |
| 44 | 12 | .69943 | .87912 | .51158- |
| 44 | 13 | .69638 | .87529 | .52778- |
| 44 | 14 | .70742 | .88917 | .46906- |
| 44 | 15 | .74720 | .93916 | .25747- |
| 44 | 16 | .80791 | 1.01547 | .06548 |
| 44 | 17 | .85759 | 1.07791 | .32971 |
| 44 | 18 | .69505 | .87362 | .53486- |
| 44 | 19 | .79668 | 1.00136 | .00575 |
| 44 | 20 | .79516 | .99945 | .00235- |
| 44 | 21 | .79440 | .99849 | .00640- |
| 44 | 22 | .79231 | .99586 | .01753- |
| 44 | 23 | .77004 | .96787 | .13598- |
| 44 | 24 | .74415 | .93534 | .27357- |
| 44 | 25 | .71865 | .90328 | .40933- |
| 44 | 26 | .70190 | .88223 | .49842- |
| 44 | 27 | .69334 | .87146 | .54397- |
| 44 | 28 | .69734 | .87649 | .52271- |
| 44 | 29 | .70609 | .88749 | .47614- |
| 44 | 30 | .72322 | .90902 | .38503- |
| 44 | 31 | .74606 | .93773 | .26354- |
| 44 | 32 | .77860 | .97863 | .09043- |
| 44 | 33 | .80620 | 1.01332 | .05637 |
| 44 | 34 | .83970 | 1.05542 | .23455 |
| 44 | 35 | .85965 | 1.08050 | .34070 |
| 44 | 36 | .69092 | .86843 | .55684- |
| 44 | 37 | .79719 | 1.00199 | .00843 |
| 44 | 38 | .79141 | .99481 | .02196- |
| 44 | 39 | .76138 | .95699 | .1F 02- |
| 44 | 40 | .71301 | .89619 | .43933- |
| 44 | 41 | .69244 | .87034 | .54873- |
| 44 | 42 | .69416 | .87249 | .53962- |
| 44 | 43 | .79338 | .83720 | .01183- |
| 44 | 44 | .75777 | .95244 | .20127- |
| 44 | 45 | .71587 | .89978 | .42413- |
| 44 | 46 | .69701 | .87608 | .52442- |

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| | | | | |
|----|----|--------|---------|---------|
| 44 | 47 | .70273 | .88327 | .49403- |
| 44 | 48 | .76196 | .95771 | .17898- |
| 44 | 49 | .72634 | .91295 | .36841- |
| 44 | 50 | .70958 | .89188 | .45756- |
| 44 | 51 | .71739 | .90170 | .41603- |
| 44 | 52 | .74386 | .93497 | .77522- |
| 44 | 53 | .72768 | .91462 | .36132- |
| 44 | 81 | .78525 | .98699 | .05505- |
| 44 | 82 | .79898 | 1.00425 | .01797 |
| 44 | 83 | .85636 | 1.07637 | .32321 |
| 44 | 84 | .80775 | 1.01527 | .06461 |
| 44 | 85 | .79707 | 1.00185 | .00783 |
| 44 | 86 | .80794 | 1.01551 | .06563 |

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| | | | | |
|----|----|--------|---------|---------|
| 45 | 1 | .79722 | .94378 | .32512- |
| 45 | 2 | .80500 | .95300 | .27183- |
| 45 | 3 | .78848 | .93345 | .38490- |
| 45 | 4 | .78165 | .92536 | .43168- |
| 45 | 5 | .79307 | .93884 | .35371- |
| 45 | 6 | .81999 | .97075 | .16917- |
| 45 | 7 | .77786 | .92086 | .45767- |
| 45 | 8 | .77330 | .91547 | .48886- |
| 45 | 9 | .78336 | .92738 | .41999- |
| 45 | 10 | .81050 | .95951 | .23415- |
| 45 | 11 | .85587 | 1.01322 | .07645 |
| 45 | 12 | .77178 | .91367 | .49926- |
| 45 | 13 | .76988 | .91143 | .51226- |
| 45 | 14 | .77937 | .92266 | .44728- |
| 45 | 15 | .80804 | .95659 | .25104- |
| 45 | 16 | .85378 | 1.01075 | .06216 |
| 45 | 17 | .89079 | 1.05457 | .31558 |
| 45 | 18 | .77026 | .91188 | .50966- |
| 45 | 19 | .84847 | 1.00446 | .02_77 |
| 45 | 20 | .84695 | 1.00266 | .01537 |
| 45 | 21 | .84600 | 1.00153 | .00888 |
| 45 | 22 | .84315 | .99816 | .01062- |
| 45 | 23 | .82379 | .97524 | .14318- |
| 45 | 24 | .80443 | .95232 | .27573- |
| 45 | 25 | .78583 | .93030 | .40309- |
| 45 | 26 | .77444 | .91682 | .48107- |
| 45 | 27 | .76874 | .91008 | .52005- |
| 45 | 28 | .77216 | .91412 | .49666- |
| 45 | 29 | .77899 | .92221 | .44988- |
| 45 | 30 | .79076 | .93614 | .36930- |
| 45 | 31 | .80747 | .95592 | .25494- |
| 45 | 32 | .83157 | .98446 | .08989- |
| 45 | 33 | .85359 | 1.01052 | .06086 |
| 45 | 34 | .87846 | 1.03996 | .23110 |
| 45 | 35 | .89364 | 1.05793 | .33504 |
| 45 | 36 | .76828 | .90953 | .52323- |
| 45 | 37 | .84824 | 1.00419 | .02424 |
| 45 | 38 | .84672 | 1.00239 | .01384 |
| 45 | 39 | .82697 | .97901 | .140- |
| 45 | 40 | .78708 | .93170 | .39449- |
| 45 | 41 | .77075 | .91245 | .50632- |
| 45 | 42 | .77303 | .91515 | .49072- |
| 45 | 43 | .84976 | 1.00599 | .03464 |
| 45 | 44 | .82773 | .97991 | .11620- |
| 45 | 45 | .79050 | .93584 | .37108- |
| 45 | 46 | .77417 | .91650 | .48292- |

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| | | | | |
|----|----|--------|---------|---------|
| 45 | 47 | .77949 | .92279 | .44650- |
| 45 | 48 | .82868 | .98103 | .10970- |
| 45 | 49 | .79829 | .94506 | .31776- |
| 45 | 50 | .78385 | .92797 | .41659- |
| 45 | 51 | .79050 | .93584 | .37108- |
| 45 | 52 | .81064 | .95967 | .23324- |
| 45 | 53 | .79715 | .94371 | .32557- |
| 45 | 81 | .84001 | .99444 | .03213- |
| 45 | 82 | .84533 | 1.00075 | .00432 |
| 45 | 83 | .88830 | 1.05162 | .29852 |
| 45 | 84 | .85294 | 1.00975 | .05639 |
| 45 | 85 | .84381 | .99895 | .00609- |
| 45 | 86 | .85104 | 1.00750 | .04337 |

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| | | | | |
|----|----|--------|---------|----------|
| 48 | 1 | .46024 | .78865 | .36301- |
| 48 | 2 | .43489 | .74522 | .43761- |
| 48 | 3 | .50217 | .86049 | .23961- |
| 48 | 4 | .41660 | .71387 | .49145- |
| 48 | 5 | .40269 | .69003 | .53240- |
| 48 | 6 | .48463 | .83045 | .29121- |
| 48 | 7 | .60165 | 1.03096 | .05317 |
| 48 | 8 | .39621 | .67892 | .55147- |
| 48 | 9 | .60355 | 1.03422 | .05878 |
| 48 | 10 | .59458 | 1.01953 | .03354 |
| 48 | 11 | .56506 | .96826 | .05452- |
| 48 | 12 | .50274 | .86147 | .23793- |
| 48 | 13 | .42174 | .72268 | .47631- |
| 48 | 14 | .39773 | .68154 | .54698- |
| 48 | 15 | .41965 | .71909 | .48248- |
| 48 | 16 | .47739 | .81804 | .31253- |
| 48 | 17 | .53628 | .91895 | .13921.. |
| 48 | 18 | .59479 | 1.01920 | .03298 |
| 48 | 19 | .66435 | 1.13840 | .23771 |
| 48 | 20 | .39735 | .68088 | .54810- |
| 48 | 21 | .59136 | 1.01332 | .02289 |
| 48 | 22 | .50140 | .85919 | .24186- |
| 48 | 23 | .40383 | .69199 | .52903- |
| 48 | 24 | .41869 | .71746 | .48528- |
| 48 | 25 | .50865 | .87160 | .22054- |
| 48 | 26 | .43566 | .7-652 | .43536- |
| 48 | 27 | .46005 | .78832 | .36357- |
| 48 | 81 | .48793 | .83610 | .28151- |
| 48 | 82 | .58892 | 1.00914 | .01571 |
| 48 | 83 | .68952 | 1.18153 | .31180 |
| 48 | 84 | .61316 | 1.05069 | .08706 |
| 48 | 85 | .58292 | 1.00914 | .04436 |
| 48 | 86 | .59865 | 1.02533 | .04436 |

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| | | | | |
|----|----|--------|---------|---------|
| 49 | 1 | .56868 | .86600 | .29985- |
| 49 | 2 | .55269 | .84166 | .35433- |
| 49 | 3 | .58885 | .89672 | .23121- |
| 49 | 4 | .54089 | .82369 | .39454- |
| 49 | 5 | .53214 | .81035 | .42438- |
| 49 | 6 | .57077 | .85919 | .29272- |
| 49 | 7 | .65251 | 1.00888 | .01988 |
| 49 | 8 | .52757 | .80340 | .43294- |
| 49 | 9 | .67107 | 1.02193 | .04307 |
| 49 | 10 | .66403 | 1.01120 | .02507 |
| 49 | 11 | .63110 | .96106 | .08713- |
| 49 | 12 | .57991 | .88310 | .26159- |
| 49 | 13 | .53623 | .81963 | .40362- |
| 49 | 14 | .57928 | .80501 | .43411- |
| 49 | 15 | .58100 | .80882 | .42827- |
| 49 | 16 | .56392 | .85876 | .31607- |
| 49 | 17 | .68721 | .92484 | .16820- |
| 49 | 18 | .65432 | .99642 | .00800- |
| 49 | 19 | .71599 | 1.09033 | .20213 |
| 49 | 20 | .52928 | .80101 | .43411- |
| 49 | 21 | .66079 | 1.00621 | .03405 |
| 49 | 22 | .58056 | .88463 | .25835- |
| 49 | 23 | .55271 | .81122 | .42243- |
| 49 | 24 | .54108 | .82344 | .39390- |
| 49 | 25 | .59247 | .98223 | .21674- |
| 49 | 26 | .55307 | .81122 | .35304- |
| 49 | 27 | .56849 | .88463 | .30050- |
| 49 | 81 | .55641 | .81122 | .23942- |
| 49 | 82 | .55924 | .81122 | .06875 |
| 49 | 83 | .74293 | .81122 | .29394 |
| 49 | 84 | .68116 | .8730 | .08346 |
| 49 | 85 | .65695 | 1.00888 | .00095 |
| 49 | 86 | .67220 | .88463 | .05292 |

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| | | | | |
|----|----|--------|---------|---------|
| 50 | 1 | .65459 | .91042 | .25895- |
| 50 | 2 | .64186 | .89271 | .31014- |
| 50 | 3 | .66808 | .92919 | .20470- |
| 50 | 4 | .63311 | .88052 | .34529- |
| 50 | 5 | .62722 | .87235 | .36898- |
| 50 | 6 | .65326 | .90857 | .26430- |
| 50 | 7 | .72358 | 1.00638 | .01843 |
| 50 | 8 | .62475 | .86691 | .37892- |
| 50 | 9 | .73727 | 1.02541 | .07345 |
| 50 | 10 | .72853 | 1.01325 | .03830 |
| 50 | 11 | .69697 | .96937 | .08855- |
| 50 | 12 | .65782 | .91491 | .24596- |
| 50 | 13 | .63083 | .87737 | .35446- |
| 50 | 14 | .62551 | .86997 | .37586- |
| 50 | 15 | .62646 | .87129 | .37204- |
| 50 | 16 | .64946 | .90328 | .27958- |
| 50 | 17 | .68120 | .94743 | .15197- |
| 50 | 18 | .71864 | .99950 | .00144- |
| 50 | 19 | .76730 | 1.06718 | .19418 |
| 50 | 20 | .62608 | .87076 | .37357- |
| 50 | 21 | .72625 | 1.01008 | .02913 |
| 50 | 22 | .66029 | .91835 | .23602- |
| 50 | 23 | .62855 | .87420 | .36363- |
| 50 | 24 | .63539 | .88372 | .33613- |
| 50 | 25 | .67113 | .93342 | .19247- |
| 50 | 26 | .64338 | .89482 | .30403- |
| 50 | 27 | .65554 | .91174 | .25513- |
| 50 | 81 | .68635 | .95458 | .13128- |
| 50 | 82 | .72157 | 1.00357 | .01032 |
| 50 | 83 | .79011 | 1.09890 | .28587 |
| 50 | 84 | .74346 | 1.03402 | .09834 |
| 50 | 85 | .72100 | 1.00278 | .00802 |
| 50 | 86 | .73489 | 1.02211 | .06390 |

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| | | | | |
|----|----|--------|---------|---------|
| 51 | 1 | .74578 | .94077 | .24557- |
| 51 | 2 | .73591 | .92852 | .29738- |
| 51 | 3 | .75356 | .95079 | .20473- |
| 51 | 4 | .72850 | .91917 | .33624- |
| 51 | 5 | .72509 | .91486 | .35417- |
| 51 | 6 | .74274 | .93714 | .26152- |
| 51 | 7 | .79209 | .99941 | .00248- |
| 51 | 8 | .72262 | .91175 | .36712- |
| 51 | 9 | .80462 | 1.01521 | .06328 |
| 51 | 10 | .79646 | 1.00491 | .02044 |
| 51 | 11 | .77121 | .97306 | .11207- |
| 51 | 12 | .74464 | .93953 | .25155- |
| 51 | 13 | .72661 | .91678 | .34620- |
| 51 | 14 | .72376 | .91319 | .36115- |
| 51 | 15 | .72414 | .91367 | .35915- |
| 51 | 16 | .73932 | .93283 | .27945- |
| 51 | 17 | .76134 | .96061 | .16388- |
| 51 | 18 | .78754 | .99366 | .02639- |
| 51 | 19 | .82436 | 1.04012 | .16690 |
| 51 | 20 | .72414 | .91367 | .35915- |
| 51 | 21 | .79494 | 1.00300 | .01247 |
| 51 | 22 | .74692 | .94241 | .23960- |
| 51 | 23 | .72566 | .91558 | .35118- |
| 51 | 24 | .73021 | .92133 | .32727- |
| 51 | 25 | .75470 | .95222 | .19875- |
| 51 | 26 | .73572 | .92828 | .29838- |
| 51 | 27 | .74445 | .93929 | .25255- |
| 51 | 81 | .78145 | .98598 | .05834- |
| 51 | 82 | .79419 | 1.00205 | .00853 |
| 51 | 83 | .84438 | 1.05538 | .27200 |
| 51 | 84 | .81244 | 1.02508 | .10433 |
| 51 | 85 | .79438 | 1.00229 | .00952 |
| 51 | 86 | .80407 | 1.01452 | .06042 |

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| | | | | |
|----|----|--------|----------|---------|
| 52 | 1 | .80797 | .96034 | .22391- |
| 52 | 2 | .80172 | .95292 | .26583- |
| 52 | 3 | .81441 | .96799 | .18071- |
| 52 | 4 | .79699 | .94729 | .29760- |
| 52 | 5 | .79434 | .94414 | .31538- |
| 52 | 6 | .80664 | .95877 | .23280- |
| 52 | 7 | .84280 | 1.00175 | .00985 |
| 52 | 8 | .79226 | .94167 | .32936- |
| 52 | 9 | .85302 | 1.01390 | .07846 |
| 52 | 10 | .84545 | 1.00490 | .02764 |
| 52 | 11 | .82595 | .98172 | .10322- |
| 52 | 12 | .80740 | .95967 | .22772- |
| 52 | 13 | .79472 | .94459 | .31284- |
| 52 | 14 | .79301 | .94257 | .32427- |
| 52 | 15 | .79358 | .94324 | .32046- |
| 52 | 16 | .80418 | .95584 | .24932- |
| 52 | 17 | .81933 | .97384 | .14768- |
| 52 | 18 | .83920 | .99747 | .01428- |
| 52 | 19 | .86552 | 1.02875 | .16231 |
| 52 | 20 | .79282 | .94234 | .32555- |
| 52 | 21 | .84394 | 1.000310 | .01748 |
| 52 | 22 | .80835 | .96079 | .22137- |
| 52 | 23 | .79377 | .94347 | .31919- |
| 52 | 24 | .79737 | .94774 | .29505- |
| 52 | 25 | .81478 | .96844 | .17817- |
| 52 | 26 | .80210 | .95337 | .26329- |
| 52 | 27 | .80835 | .96079 | .22137- |
| 52 | 61 | .83910 | .99735 | .01497- |
| 52 | 82 | .84460 | 1.00389 | .02194 |
| 52 | 83 | .88120 | 1.04739 | .26755 |
| 52 | 84 | .85863 | 1.02056 | .11611 |
| 52 | 85 | .84422 | 1.00343 | .01939 |
| 52 | 86 | .85067 | 1.01110 | .06266 |

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| | | | | |
|----|----|--------|---------|---------|
| 56 | 1 | .15050 | .81356 | .08598- |
| 56 | 2 | .14292 | .77262 | .10486- |
| 56 | 3 | .21998 | 1.18912 | .08722 |
| 56 | 4 | .13933 | .75318 | .11383- |
| 56 | 5 | .13668 | .73885 | .12044- |
| 56 | 6 | .22244 | 1.20243 | .09336 |
| 56 | 7 | .30611 | 1.65475 | .30196 |
| 56 | 8 | .13460 | .72760 | .12563- |
| 56 | 9 | .09995 | .54033 | .21200- |
| 56 | 10 | .09295 | .50246 | .22946- |
| 56 | 11 | .08254 | .44618 | .25542- |
| 56 | 12 | .07818 | .42264 | .26627- |
| 56 | 13 | .10469 | .56591 | .20020- |
| 56 | 14 | .13611 | .73576 | .12185- |
| 56 | 15 | .17227 | .93124 | .03171- |
| 56 | 16 | .22301 | 1.20550 | .09477 |
| 56 | 17 | .27166 | 1.46850 | .21606 |
| 56 | 18 | .31539 | 1.70489 | .32509 |
| 56 | 19 | .32750 | 1.77038 | .35529 |
| 56 | 20 | .13592 | .73476 | .12232- |
| 56 | 21 | .08292 | .44822 | .25447- |
| 56 | 22 | .07989 | .43185 | .26202- |
| 56 | 23 | .13536 | .73169 | .12374- |
| 56 | 24 | .14066 | .76034 | .11053- |
| 56 | 25 | .08746 | .47278 | .24314- |
| 56 | 26 | .14179 | .76648 | .10769- |
| 56 | 27 | .14804 | .60025 | .09212- |
| 56 | 81 | .16896 | .91334 | .03997- |
| 56 | 82 | .17901 | .96766 | .01491- |
| 56 | 83 | .28141 | 1.52120 | .24037 |
| 56 | 84 | .12136 | .65604 | .15863- |
| 56 | 85 | .16005 | .84516 | .06219- |
| 56 | 86 | .11814 | .63862 | .16666- |

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| | | | | |
|----|----|--------|---------|---------|
| 58 | 1 | .33666 | .79547 | .20984- |
| 58 | 2 | .31543 | .74530 | .26131- |
| 58 | 3 | .44130 | 1.04271 | .04382 |
| 58 | 4 | .29799 | .70410 | .30359- |
| 58 | 5 | .29496 | .69693 | .31094- |
| 58 | 6 | .42898 | 1.01360 | .01395 |
| 58 | 7 | .56565 | 1.33653 | .34527 |
| 58 | 8 | .28851 | .68170 | .32657- |
| 58 | 9 | .31164 | .73635 | .27050- |
| 58 | 10 | .29913 | .70679 | .30083- |
| 58 | 11 | .26046 | .61541 | .39458- |
| 58 | 12 | .19221 | .45417 | .56001- |
| 58 | 13 | .23923 | .56525 | .44604- |
| 58 | 14 | .29135 | .68842 | .31967- |
| 58 | 15 | .34538 | .81607 | .18871- |
| 58 | 16 | .42386 | 1.00150 | .0154 |
| 58 | 17 | .50120 | 1.18425 | .8903 |
| 58 | 18 | .57209 | 1.35176 | .36090 |
| 58 | 19 | .59484 | 1.40551 | .41604 |
| 58 | 20 | .28946 | .68324 | .32427- |
| 58 | 21 | .27609 | .65707 | .35184- |
| 58 | 22 | .19866 | .46940 | .54439- |
| 58 | 23 | .29079 | .68708 | .32105- |
| 58 | 24 | .30311 | .71619 | .29118- |
| 58 | 25 | .22482 | .53121 | .48097- |
| 58 | 26 | .30917 | .73052 | .27648- |
| 58 | 27 | .33040 | .78069 | .22501- |
| 58 | 81 | .31767 | .75060 | .25588- |
| 58 | 82 | .44584 | 1.05344 | .05483 |
| 58 | 83 | .54742 | 1.29347 | .30109 |
| 58 | 84 | .34027 | .80399 | .20110- |
| 58 | 85 | .29128 | .68824 | .31986- |
| 58 | 86 | .35337 | .83495 | .16934- |

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| | | | | |
|----|----|--------|---------|---------|
| 59 | 1 | .33625 | .79457 | .21076- |
| 59 | 2 | .31486 | .74396 | .26269- |
| 59 | 3 | .44073 | 1.04137 | .04244 |
| 59 | 4 | .29761 | .70320 | .30451- |
| 59 | 5 | .29420 | .69514 | .31278- |
| 59 | 6 | .42841 | 1.01225 | .01257 |
| 59 | 7 | .56432 | 1.33340 | .34206 |
| 59 | 8 | .28851 | .68170 | .32657- |
| 59 | 9 | .31088 | .73456 | .27234- |
| 59 | 10 | .29837 | .70499 | .30267- |
| 59 | 11 | .26008 | .61452 | .39550- |
| 59 | 12 | .19184 | .45327 | .56093- |
| 59 | 13 | .23847 | .56346 | .44788- |
| 59 | 14 | .29117 | .68797 | .32013- |
| 59 | 15 | .34462 | .81428 | .19054- |
| 59 | 16 | .42367 | 1.00106 | .00108 |
| 59 | 17 | .49968 | .18066 | .18536 |
| 59 | 18 | .57096 | 1.34907 | .35814 |
| 59 | 19 | .59446 | 1.40461 | .41512 |
| 59 | 20 | .28927 | .68349 | .32473- |
| 59 | 21 | .27733 | .65528 | .35368- |
| 59 | 22 | .19904 | .47029 | .54347- |
| 59 | 23 | .29117 | .68797 | .32013- |
| 59 | 24 | .30216 | .71395 | .29348- |
| 59 | 25 | .22330 | .52763 | .48465- |
| 59 | 26 | .30860 | .72918 | .27785- |
| 59 | 27 | .32984 | .77935 | .22639- |
| 59 | 81 | .31634 | .74746 | .25910- |
| 59 | 82 | .44452 | 1.04985 | .05115 |
| 59 | 83 | .54610 | 1.29033 | .29787 |
| 59 | 84 | .33951 | .80219 | .20294- |
| 59 | 85 | .28995 | .68510 | .32309- |
| 59 | 86 | .35014 | .82732 | .17717- |

NAVORD Report 6695

| | | | | |
|----|----|--------|---------|---------|
| 67 | 1 | .34246 | 1.85123 | .39257 |
| 67 | 2 | .33557 | 1.81401 | .37541 |
| 67 | 3 | .33267 | 1.79833 | .36818 |
| 67 | 4 | .33521 | 1.81205 | .37451 |
| 67 | 5 | .36456 | 1.97072 | .44768 |
| 67 | 6 | .39700 | 2.14605 | .52854 |
| 67 | 7 | .40751 | 2.20286 | .55474 |
| 67 | 8 | .37689 | 2.03733 | .47840 |
| 67 | 9 | .30785 | 1.66415 | .30629 |
| 67 | 10 | .24208 | 1.30859 | .14232 |
| 67 | 11 | .15673 | .84725 | .07044- |
| 67 | 12 | .91292 | 1.69157 | .91894- |
| 67 | 13 | .10274 | .55537 | .20506- |
| 67 | 14 | .10455 | .56516 | .20054- |
| 67 | 15 | .63436 | 2.42910 | 1.12030 |
| 67 | 16 | .10618 | .57398 | .19648- |
| 67 | 17 | .10527 | .56908 | .19873- |
| 67 | 18 | .10600 | .57300 | .19693- |
| 67 | 19 | .10564 | .57104 | .19783- |
| 67 | 20 | .33615 | 1.76307 | .35192 |
| 67 | 21 | .10546 | .57006 | .19828- |
| 67 | 81 | .17152 | .92717 | .03359- |
| 67 | 82 | .18205 | .98408 | .00734- |
| 67 | 83 | .35901 | 1.94069 | .43383 |
| 67 | 84 | .11634 | .62691 | .17114- |
| 67 | 85 | .17279 | .93404 | .03042- |
| 67 | 86 | .14484 | .78295 | .10010- |

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| | | | | |
|----|----|--------|---------|----------|
| 66 | 1 | .34192 | 1.84829 | .39122 |
| 68 | 2 | .33431 | 1.80715 | .37225 |
| 68 | 3 | .33195 | 1.79442 | .36637 |
| 68 | 4 | .33539 | 1.81303 | .37496 |
| 68 | 5 | .36420 | 1.96877 | .44678 |
| 68 | 6 | .39863 | 2.15487 | .53261 |
| 68 | 7 | .40787 | 2.20482 | .55565 |
| 68 | 8 | .37743 | 2.04027 | .47976 |
| 68 | 9 | .30713 | 1.66023 | .30449 |
| 68 | 10 | .25222 | 1.36344 | .16762 |
| 68 | 11 | .19528 | .83942 | .07406- |
| 68 | 12 | .31003 | 1.67590 | .91172- |
| 68 | 13 | .10292 | .55635 | .20461- |
| 68 | 14 | .10401 | .56222 | .20190- |
| 68 | 15 | .62730 | 3.39098 | 1.10264- |
| 68 | 16 | .10509 | .56810 | .19919- |
| 68 | 17 | .10491 | .56712 | .19964- |
| 68 | 18 | .10401 | .56222 | .20190- |
| 68 | 19 | .10509 | .55810 | .19919- |
| 68 | 20 | .33004 | 1.83164 | .38254- |
| 68 | 21 | .10437 | .56418 | .20099- |
| 68 | 81 | .17279 | .93404 | .03042- |
| 68 | 82 | .18259 | .98702 | .00598- |
| 68 | 83 | .36028 | 1.94756 | .43700 |
| 68 | 84 | .11779 | .63676 | .16752- |
| 68 | 85 | .17333 | .93699 | .02906- |
| 68 | 86 | .14502 | .78393 | .09965- |

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| | | | | |
|----|----|-------------------|--------------------|-------------------|
| 70 | 1 | .78767 | 1.20666 | .45558 |
| 70 | 2 | .79113 | 1.21196 | .46727 |
| 70 | 3 | .79514 | 1.21810 | .48080 |
| 70 | 4 | .79241 | 1.21391 | .47157 |
| 70 | 5 | .76454 | 1.17122 | .37745 |
| 70 | 6 | .69987 | 1.07215 | .15906 |
| 70 | 7 | .60187 | .92202 | .17191- |
| 70 | 8 | .50441 | .77272 | .50104- |
| 70 | 9 | .40641 | .62565 | .82524- |
| 70 | 10 | .65925 | 1.00992 | .02107 |
| 70 | 11 | .48965 | .75014 | .55087- |
| 70 | 12 | .69295 | 1.00155 | .19560 |
| 70 | 13 | .56962 | .87262 | .28080- |
| 70 | 14 | .57290 | .87765 | .26973- |
| 70 | 15 | .71462 | 1.09476 | .20889 |
| 70 | 16 | .57891 | .88686 | .24943- |
| 70 | 17 | .57837 | .88602 | .25127- |
| 70 | 18 | .58019 | .88881 | .24512- |
| 70 | 19 | .38037 | .88909 | .24450- |
| 70 | 20 | .64987 | 1.01570 | .02479 |
| 70 | 21 | .63010 | .96527 | .07656 |
| 70 | 81 | .60106 | .92076 | .1746- |
| 70 | 82 | .67569 | 1.03510 | .07739 |
| 70 | 83 | .79174 | 1.21289 | .46930 |
| 70 | 84 | .57551 | .88164 | .26092- |
| 70 | 85 | .65634 | 1.00547 | .01207 |
| 70 | 86 | .67313 | 1.03119 | .06876 |

NAVORD Report 6698

| | | | | |
|----|----|---------------|----------------|----------------|
| 71 | 1 | .82592 | 1.15388 | .43855 |
| 71 | 2 | .82719 | 1.15566 | .44363 |
| 71 | 3 | .82901 | 1.15820 | .45087 |
| 71 | 4 | .82519 | 1.15286 | .43566 |
| 71 | 5 | .79772 | 1.11449 | .32628 |
| 71 | 6 | .73423 | 1.02578 | .07348 |
| 71 | 7 | .64109 | .89565 | .29738- |
| 71 | 8 | .55249 | .77188 | .65014- |
| 71 | 9 | .46844 | .65446 | .98479- |
| 71 | 10 | <u>.71495</u> | <u>.99884</u> | <u>.00990-</u> |
| 71 | 11 | .52047 | .72715 | .77762- |
| 71 | 12 | <u>.74242</u> | <u>1.09722</u> | <u>.10000-</u> |
| 71 | 13 | .65582 | .91624 | .23871- |
| 71 | 14 | .66055 | .92285 | .21988- |
| 71 | 15 | <u>.76042</u> | <u>1.06238</u> | <u>.17770-</u> |
| 71 | 16 | .66455 | .92844 | .20394- |
| 71 | 17 | .66492 | .92895 | .20249- |
| 71 | 18 | .66528 | .92946 | .20104- |
| 71 | 19 | .66455 | .92844 | .20394- |
| 71 | 20 | <u>.71004</u> | <u>1.00316</u> | <u>.00902-</u> |
| 71 | 21 | <u>.69866</u> | <u>.97742</u> | <u>.06414-</u> |
| 71 | 81 | .69428 | .96998 | .08557- |
| 71 | 82 | .73109 | 1.02140 | .06100 |
| 71 | 83 | .82366 | 1.15073 | .42959 |
| 71 | 84 | .66258 | .92568 | .21181- |
| 71 | 85 | .71615 | 1.00053 | .00150 |
| 71 | 86 | .73219 | 1.02293 | .06535 |

NAWORD Report 6692

| | | | | |
|----|----|--------------------|---------------------|--------------------|
| 72 | 1 | .86345 | 1.010047 | .40004 |
| 72 | 2 | .86781 | 1.010604 | .42213 |
| 72 | 3 | .86781 | 1.010602 | .42213 |
| 72 | 4 | .86599 | 1.010371 | .41293 |
| 72 | 5 | .84096 | 1.07190 | .24587 |
| 72 | 6 | .78725 | 1.00335 | .01335 |
| 72 | 7 | .71177 | .90716 | .36966- |
| 72 | 8 | .34519 | .82229 | .70755- |
| 72 | 9 | .99057 | .75269 | .98468- |
| 72 | 10 | .710260 | 1.002149 | .04937 |
| 72 | 11 | .61906 | .78097 | .84013- |
| 72 | 12 | .400416 | 1.005018 | .12019- |
| 72 | 13 | .73935 | .94230 | .22972- |
| 72 | 14 | .74498 | .94947 | .20117- |
| 72 | 15 | .682231 | 1.002149 | .04937 |
| 72 | 16 | .74734 | .95248 | .18921- |
| 72 | 17 | .74770 | .95274 | .18736- |
| 72 | 18 | .74879 | .95433 | .18184- |
| 72 | 19 | .74806 | .95340 | .18552- |
| 72 | 20 | .79487 | 1.002149 | .04937 |
| 72 | 21 | .77054 | .99469 | .04143 |
| 72 | 81 | .77949 | .99346 | .02603- |
| 72 | 82 | .79548 | 1.01385 | .05513 |
| 72 | 83 | .86582 | 1.01049 | .41203 |
| 72 | 84 | .74514 | .74968 | .20034- |
| 72 | 85 | .78640 | 1.00226 | .00901 |
| 72 | 86 | .79712 | 1.01593 | .06343 |

NAWORD Report 6699

| | | | | |
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| 73 | 1 | .89710 | 1.07060 | .38926 |
| 73 | 2 | .89873 | 1.07254 | .39999 |
| 73 | 3 | .90018 | 1.07427 | .40953 |
| 73 | 4 | .89792 | 1.07146 | .39403 |
| 73 | 5 | .87680 | 1.04638 | .25572 |
| 73 | 6 | .83495 | .99643 | .01970- |
| 73 | 7 | .77660 | .92680 | .40363- |
| 73 | 8 | .72786 | .86863 | .72436- |
| 73 | 9 | .69108 | .82473 | .96640- |
| 73 | 10 | .84610 | 1.00493 | .05422 |
| 73 | 11 | .70847 | .84549 | .85194- |
| 73 | 12 | .89470 | 1.00200 | .11028 |
| 73 | 13 | .80215 | .95729 | .23551- |
| 73 | 14 | .80704 | .96313 | .20332- |
| 73 | 15 | .86557 | 1.03297 | .18180 |
| 73 | 16 | .80940 | .96594 | .18782- |
| 73 | 17 | .80922 | .96572 | .18901- |
| 73 | 18 | .81085 | .96767 | .17828- |
| 73 | 19 | .81012 | .96680 | .18305- |
| 73 | 20 | .84600 | 1.00896 | .05909- |
| 73 | 21 | .89223 | .99910 | .03739 |
| 73 | 81 | .83599 | .99767 | .01283- |
| 73 | 82 | .84507 | 1.00850 | .04689 |
| 73 | 83 | .89734 | 1.07088 | .39085 |
| 73 | 84 | .80786 | .96410 | .19795- |
| 73 | 85 | .83980 | 1.00222 | .01229 |
| 73 | 86 | .84725 | 1.01110 | .06122 |

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| | | | | |
|----|----|--------|---------|---------|
| 74 | 1 | .92630 | 1.04335 | .36485 |
| 74 | 2 | .92920 | 1.04437 | .37341 |
| 74 | 3 | .92902 | 1.04417 | .37170 |
| 74 | 4 | .92902 | 1.04417 | .37170 |
| 74 | 5 | .91581 | 1.02932 | .24675 |
| 74 | 6 | .88758 | .99759 | .02027- |
| 74 | 7 | .84958 | .95488 | .37973- |
| 74 | 8 | .81647 | .91766 | .69297- |
| 74 | 9 | .79349 | .89183 | .91035- |
| 74 | 10 | .89827 | 1.00795 | .00189 |
| 74 | 11 | .80344 | .90302 | .81621- |
| 74 | 12 | .90270 | 1.01468 | .12351 |
| 74 | 13 | .86641 | .97380 | .22054- |
| 74 | 14 | .87076 | .97868 | .17946- |
| 74 | 15 | .90912 | 1.02173 | .20942 |
| 74 | 16 | .87275 | .98091 | .16063- |
| 74 | 17 | .87437 | .98274 | .14523- |
| 74 | 18 | .87419 | .98254 | .14694- |
| 74 | 19 | .87383 | .98213 | .15036- |
| 74 | 20 | .89499 | 1.00817 | .06873 |
| 74 | 21 | .88795 | .99800 | .01683 |
| 74 | 81 | .89234 | 1.00294 | .02474 |
| 74 | 82 | .89706 | 1.00824 | .06932 |
| 74 | 83 | .93149 | 1.04694 | .39509 |
| 74 | 84 | .87295 | .98114 | .15872- |
| 74 | 85 | .89361 | 1.00437 | .03674 |
| 74 | 86 | .89941 | 1.01089 | .09161 |

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| | | | | |
|----|----|-------------------|--------------------|--------------------|
| 75 | 1 | .92794 | 1.04295 | .36143 |
| 75 | 2 | .93011 | 1.04539 | .38197 |
| 75 | 3 | .93083 | 1.04620 | .38882 |
| 75 | 4 | .92846 | 1.04356 | .36657 |
| 75 | 5 | .91527 | 1.02871 | .24161 |
| 75 | 6 | .88722 | .99718 | .02370- |
| 75 | 7 | .84886 | .95407 | .38658- |
| 75 | 8 | .81665 | .91787 | .69126- |
| 75 | 9 | .79331 | .89163 | .91206- |
| 75 | 10 | .83645 | 1.00796 | .06960- |
| 75 | 11 | .80308 | .90261 | .81963- |
| 75 | 12 | .90315 | 1.01508 | .12693- |
| 75 | 13 | .84605 | .97339 | .22397- |
| 75 | 14 | .87057 | .97847 | .18117- |
| 75 | 15 | .90694 | 1.02159 | .10170- |
| 75 | 16 | .87220 | .98030 | .16577- |
| 75 | 17 | .87220 | .98030 | .16577- |
| 75 | 18 | .87347 | .98173 | .15379- |
| 75 | 19 | .87275 | .98091 | .16063- |
| 75 | 20 | .89553 | 1.00654 | .05504- |
| 75 | 21 | .86559 | .99535 | .03910- |
| 75 | 81 | .89234 | 1.00294 | .02474 |
| 75 | 82 | .29760 | 1.00885 | .07446 |
| 75 | 83 | .00000 | .00000 | .00000 |
| 75 | 84 | .87331 | .98155 | .15529- |
| 75 | 85 | .89289 | 1.00355 | .02988 |
| 75 | 86 | .89905 | 1.01048 | .08818 |

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| | | | | |
|----|----|--------|---------|---------|
| 77 | 1 | .69076 | 1.06887 | .14812 |
| 77 | 2 | .69076 | 1.06887 | .14812 |
| 77 | 3 | .60004 | .92650 | .15378- |
| 77 | 4 | .48565 | .75148 | .53450- |
| 77 | 5 | .37471 | .57982 | .90370- |
| 77 | 6 | .40130 | .62027 | .81519- |
| 77 | 7 | .49403 | .76445 | .50661- |
| 77 | 8 | .53155 | .82251 | .38173- |
| 77 | 9 | .54121 | .83745 | .34960- |
| 77 | 10 | .54412 | .84196 | .33990- |
| 77 | 11 | .54612 | .84506 | .33323- |
| 77 | 81 | .58007 | .89759 | .22025- |
| 77 | 82 | .65616 | 1.01533 | .03297 |
| 77 | 83 | .75926 | 1.17486 | .37608 |
| 77 | 84 | .59503 | .92074 | .17046- |
| 77 | 85 | .64321 | .99529 | .01014- |
| 77 | 86 | .66054 | 1.02211 | .04755 |

NAVORD Report 6699

| | | | | |
|----|----|--------|---------|----------|
| 78 | 1 | .80027 | 1.12617 | .35158 |
| 78 | 2 | .73077 | 1.02837 | .07906 |
| 78 | 3 | .64272 | .90447 | .26622- |
| 78 | 4 | .53830 | .75752 | .67570- |
| 78 | 5 | .43825 | .61672 | 1.06806- |
| 78 | 6 | .44570 | .62721 | 1.03881- |
| 78 | 7 | .54994 | .77390 | .63004- |
| 78 | 8 | .63417 | .89243 | .29974- |
| 78 | 9 | .64491 | .90754 | .25765- |
| 78 | 10 | .64727 | .91087 | .24838- |
| 78 | 11 | .64800 | .91189 | .24553- |
| 78 | 81 | .68025 | .95728 | .11905- |
| 78 | 82 | .71652 | 1.00831 | .02315 |
| 78 | 83 | .79578 | 1.11986 | .33400 |
| 78 | 84 | .69465 | .97754 | .06260- |
| 78 | 85 | .70941 | .99831 | .00472- |
| 78 | 86 | .72435 | 1.01934 | .05388 |

NAVORD Report 6699

| | | | | |
|----|----|--------|---------|----------|
| 79 | 1 | .84862 | 1.07903 | .31785 |
| 79 | 2 | .79012 | 1.00465 | .01870 |
| 79 | 3 | .72108 | .91687 | .33434- |
| 79 | 4 | .54459 | .81961 | .72247- |
| 79 | 5 | .58882 | .74869 | 1.01068- |
| 79 | 6 | .59318 | .75424 | .98839- |
| 79 | 7 | .63642 | .81176 | .75705- |
| 79 | 8 | .72671 | .92403 | .30554- |
| 79 | 9 | .74361 | .94551 | .21914- |
| 79 | 10 | .74452 | .94667 | .21449- |
| 79 | 11 | .74597 | .94851 | .20706- |
| 79 | 81 | .77653 | .98737 | .05080- |
| 79 | 82 | .78945 | 1.00280 | .01527 |
| 79 | 83 | .84695 | 1.07692 | .30934 |
| 79 | 84 | .78817 | 1.00218 | .00876 |
| 79 | 85 | .78672 | 1.00033 | .00131 |
| 79 | 86 | .79582 | 1.01190 | .04784 |

NAVORD Report 6695

| | | | | |
|----|----|--------|---------|---------|
| 80 | 1 | .68260 | 1.05473 | .29941 |
| 60 | 2 | .63694 | 1.00016 | .00088 |
| 80 | 3 | .78512 | .93823 | .33793- |
| 80 | 4 | .73022 | .87262 | .69688- |
| 80 | 5 | .69362 | .82888 | .93618- |
| 80 | 6 | .69416 | .82953 | .93263- |
| 80 | 7 | .72351 | .86461 | .74072- |
| 80 | 8 | .79019 | .94430 | .30476- |
| 80 | 9 | .80632 | .96357 | .19933- |
| 80 | 10 | .80795 | .96552 | .18867- |
| 80 | 11 | .80795 | .95552 | .18867- |
| 80 | 81 | .83273 | .99512 | .02668- |
| 80 | 82 | .83309 | .99556 | .02431- |
| 80 | 83 | .87429 | 1.04479 | .24506 |
| 80 | 84 | .83545 | .99838 | .00888- |
| 80 | 85 | .83018 | .99209 | .94330- |
| 80 | 86 | .83672 | .99989 | .00058- |

NAVORD Report 6699

| | | | | |
|----|----|--------|---------|---------|
| 81 | 1 | .91961 | 1.03418 | .28625 |
| 81 | 2 | .88975 | 1.00060 | .00503 |
| 81 | 3 | .85574 | .96234 | .31538- |
| 81 | 4 | .82027 | .92246 | .64943- |
| 81 | 5 | .79873 | .89824 | .85225- |
| 81 | 6 | .79747 | .89682 | .86418- |
| 81 | 7 | .81520 | .91676 | .69715- |
| 81 | 8 | .85682 | .96356 | .30516- |
| 81 | 9 | .87130 | .97984 | .16831- |
| 81 | 10 | .87238 | .98107 | .15856- |
| 81 | 11 | .87293 | .98168 | .15347- |
| 81 | 81 | .88727 | .99780 | .01840- |
| 81 | 82 | .89162 | 1.00270 | .02257 |
| 81 | 83 | .91989 | 1.03449 | .28890 |
| 81 | 84 | .89488 | 1.00636 | .05330 |
| 81 | 85 | .88926 | 1.00005 | .00038 |
| 81 | 86 | .89561 | 1.00718 | .06013 |

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| | | | | |
|----|----|--------|---------|---------|
| 82 | 1 | .91762 | 1.03194 | .26750 |
| 82 | 2 | .88776 | .99836 | .01371- |
| 82 | 3 | .85483 | .96133 | .32390- |
| 82 | 4 | .81900 | .92103 | .66136- |
| 82 | 5 | .79674 | .89600 | .87100- |
| 82 | 6 | .79620 | .89539 | .87611- |
| 82 | 7 | .81375 | .91513 | .71079- |
| 82 | 8 | .85646 | .96316 | .30857- |
| 82 | 9 | .87039 | .97883 | .17733- |
| 82 | 10 | .87130 | .97984 | .16881- |
| 82 | 11 | .87256 | .98127 | .15688- |
| 82 | 81 | .88908 | .99984 | .00133- |
| 82 | 82 | .89325 | 1.00453 | .03794 |
| 82 | 83 | .91989 | 1.03449 | .28890 |
| 82 | 84 | .89597 | 1.00759 | .06355 |
| 82 | 85 | .89089 | 1.00188 | .01575 |
| 82 | 86 | .89687 | 1.00861 | .07208 |